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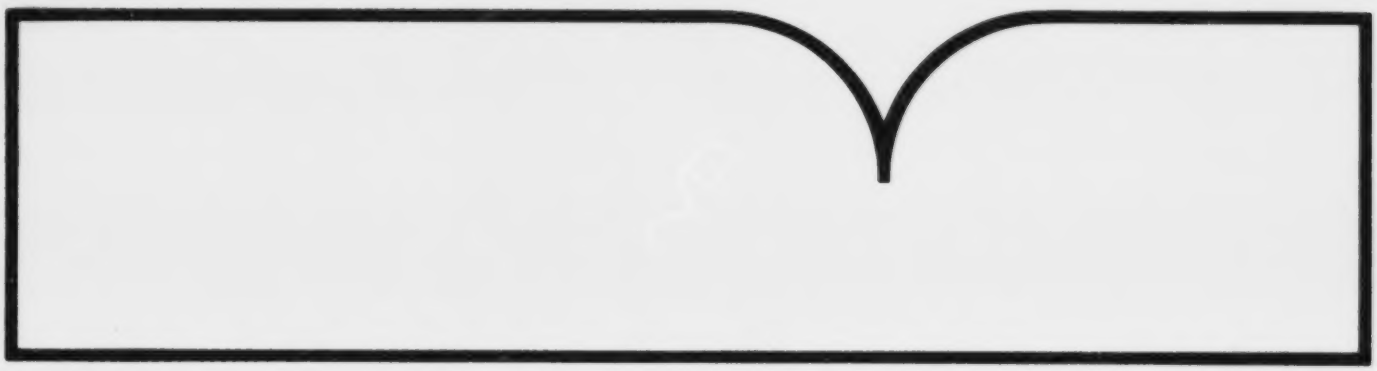
BACT/LAER (Best Available Control Technology/Lowest Achievable Emission Rate) Clearinghouse: A Compilation of Control Technology Determinations. First Supplement to 1985 Edition. Summary

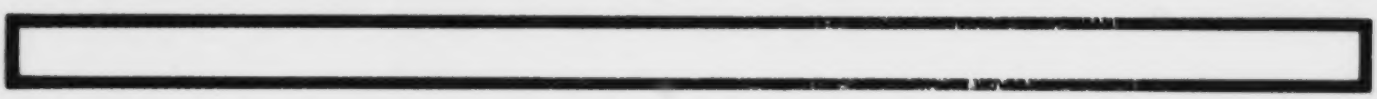
PEI Associates, Inc., Cincinnati, OH

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

May 86





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16. ABSTRACT

This volume explains the history of the BACT/LAER Clearinghouse, the background of the report format development, and acknowledges the continued support and effort of STAPPA and ALAPCO members.

This volume contains three summary tables consisting of: a list of new control technology determinations received since May 1985, a list of all control technology determinations that have been submitted, and a list of control technology determinations for external combustion sources (boilers).

A detailed listing of source type codes and abbreviations for process and emission limits are also shown.

This volume contains the detailed sourcelisting for the determinations submitted since May 1985.

The detailed source listing normally contains the following information: source type and size; company name and location; whether determination was BACT or LAER for new or modified source; the person, agency and phone number that made the determination; permit issure date; estimated date of start-up; processes subject to this permit; through-put capacity; pollutant(s) emitted; emission limits; control equipment or process modification; a section for notes; and review status dates.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air Pollution Industrial Processes Combustion Sources Control Equipment Coal Oil Bark Nitrogen Oxides Scrubbers Baghouses Electrostatic Precipitators	Air Pollution Control Stationary Sources BACT LAER Sulfur Dioxide Particulate VOC	

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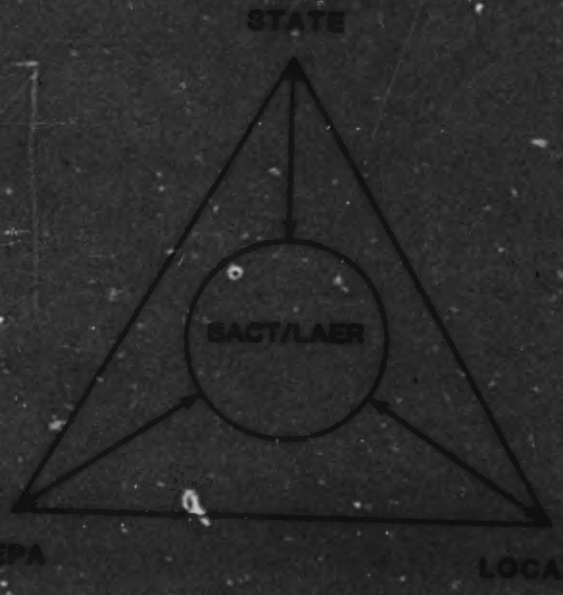
BACT/LAER CLEARINGHOUSE—

A COMPILATION OF CONTROL TECHNOLOGY DETERMINATIONS

First Supplement to 1985 Edition

Summary Tables and Appendices A–G



MAY 1986

Developed as Part of a Joint Effort
Between The U.S. Environmental Protection Agency
and State and Local Air Pollution Control Agencies

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BACT/LAER CLEARINGHOUSE

Prepared by

Emission Standards and Engineering Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF AIR QUALITY PLANNING AND STANDARDS
RESEARCH TRIANGLE PARK, NORTH CAROLINA 27711

May 1986

DISCLAIMER

This report was prepared by PEI Associates, Inc., Cincinnati, Ohio, under Contract No. 68-02-3890, Work Assignment No. 21. It has been reviewed by the Emission Standards and Engineering Division of the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the U.S. Environmental Protection Agency. Mention of trade names or commercial products is not intended to constitute endorsement or recommendation for use. Copies of this report are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

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The computerized information listings contained in this report were prepared for the BACT/LAER Clearinghouse by PEI Associates, Inc., Cincinnati, Ohio. Mr. Jack Wunderle served as the Project Director, and Mr. David Dunbar was the Project Manager. The other PEI participants in this effort were Mr. Roy Paul and Mr. Joseph Steigerwald. Mr. Gary Rust was the EPA Project Officer.

The project would not have been possible without the excellent cooperation of the many State and local air pollution control agencies and EPA Regional Offices who submitted the necessary technical information.

Special thanks are given to Mr. William Becker, Executive Secretary for STAPPA and ALAPCO, Mr. John Paul from the Regional Air Pollution Control Agency in Dayton, Ohio, representing ALAPCO, and other State, local and EPA Regional Office representatives that have provided recommendations, guidance, and overall support for the BACT/LAER Clearinghouse effort over the past several years.

INTRODUCTION

BACKGROUND

The Clean Air Act as amended in 1977 prescribes several technology-based limitations affecting new or modified air pollution sources: 1) new source performance standards (NSPS); 2) best available control technology (BACT); and 3) lowest achievable emission rate (LAER). New Source Performance Standards are uniform national emission standards set by EPA for specific categories of new or modified stationary sources. In addition to meeting NSPS, new or modified sources also must install either BACT or LAER, both of which are determined on a case-by-case basis. In all cases, BACT or LAER must be at least as stringent as any applicable NSPS. The BACT requirement, which is a part of the Prevention of Significant Deterioration program (Sections 165 and 169 of the Clean Air Act), applies to emissions in areas that are in attainment with National Ambient Air Quality Standards (NAAQS). The LAER requirement, which is a part of the Nonattainment Program (Sections 171 and 172 of the Clean Air Act), applies to emissions that affect areas that are not in compliance with the NAAQS. While the specific criteria governing a BACT, LAER, or NSPS emission limit vary, the general underlying approach for all such determinations is to require "best control" on all major new or modified sources. In recent years, more State and local air pollution control agencies have assumed the responsibility for implementing BACT and LAER. As this authority is decentralized from the Federal government, it is important that information be made available to control agencies to assist them in making control technology determinations in a nationally consistent manner.

The basic purposes of the BACT/LAER Clearinghouse are to: 1) provide State and local air pollution control agencies with current information on case-by-case control technology determinations that are made nationwide and 2) promote communication, cooperation, and sharing of control technology information among the permitting agencies. The information presented in this

compilation was abstracted from preconstruction permits and submitted voluntarily by the State and local air pollution control agencies. The Clearinghouse is intended as a reference for State and local agencies in making BACT/LAER decisions.

This report is a supplement to previous Clearinghouse compilations issued in May 1982, April 1983, May 1984, and May 1985. This edition, however, is different from the previous four editions in that it contains the detailed information only for the new permits that have been entered into the Clearinghouse since May 1985. Therefore, in order to have a complete listing of all determinations currently contained in the Clearinghouse, the user must retain Volume II of the 1985 edition and all succeeding annual supplements. At approximately 5-year intervals, a new master edition containing all the information in the Clearinghouse will be published. At that time, all previous editions can be discarded and the cycle of annual supplements similar to the 1986 edition will begin again. It should be noted that it is not necessary to retain a copy of Volume I from the 1985 edition as the 1986 supplement contains the same basic material as Volume I from the 1985 edition with the appropriate information updated to consider the determinations submitted since May 1985. This along with other changes in the annual compilation that are described in the following pages were made because of the increased size of the document, which made it difficult to use in some cases.

Because of the concern over the size of the annual published compilation, a committee of representatives of STAPPA, ALAPCO, CAPCOA, and EPA was formed in December 1984 to review and evaluate methods to reduce the size of the compilation and improve its overall usefulness. Several options were reviewed and a decision was made by the committee to produce annual supplements beginning with 1986 edition. The supplements would contain detailed information only for those permits that were entered into the Clearinghouse since the last published report, but would include a comprehensive index of all permits in the system.

This edition contains 96 new BACT and LAER determinations that add 2 additional source categories to the Clearinghouse. This brings the total number of determinations contained in the Clearinghouse to 1181, which covers 115 different source categories and 2161 different processes. The control technology information contained herein reflects determinations contained in

permits received through May 9, 1986. Figure 1 summarizes the control technology determinations received since the publication of the May 1985 report. This listing contains the source type code, the name of the company, and the identification number. The listing is provided to aid State and local agency personnel and other users in quickly identifying the new information available since the 1985 published edition of the Clearinghouse.

REPORT FORMAT

This BACT/LAER report was prepared to provide basic control technology information as well as to facilitate "quick scans" of source category information. It consists of three major parts presented in Appendices A, C, and G:

- Table 1 (Appendix A), which is a summary listing of determinations, basic Agency contact information, and an index reference for additional information.
- Table 2A (Appendix C), which is a summary listing of the emission limits and other information by source type code or source category where an external combustion process (boiler) has been permitted.
- Appendix G, which is a detailed listing of all individual source information.

A brief description of each table follows.

Table 1 - Index of Control Technology Determinations

Table 1 summarizes all the BACT/LAER determinations in the Clearinghouse and lists the contact person most knowledgeable about the decision. Figure 2 is an example of the Table 1 summary. Table 1 also includes the State where each source is located, the date the permit was issued, the agency issuing the permit, name of person to contact within the agency for additional information, a telephone number, and an index (source type code) for locating the more detailed source information contained in Appendix G. A complete listing of all source category codes is contained in Appendix D. The user should familiarize himself/herself with this listing in order to use Table 1 and Appendix G effectively. It should be noted that Table 1 has been revised to include the year of the supplement where the detailed information on the sources appears. For example, in the 1986 supplement, those entries received since the 1985 compilation was published will have an "86" to the left of the

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NEW CONTROL TECHNOLOGY DETERMINATIONS SINCE MAY, 1985.

SOURCE TYPE	COMPANY NAME	ID NUMBER
1.1	COGENERATION NATIONAL CORP.	CA-0129
1.1	CORN PRODUCTS	CA-0128
1.1	SCE - BIOGEN POWER PROJECT	CA-0120
1.1	WHITE PINE POWER PROJECT	NV-0010
1.2	BERRY HOLDING CO.	CA-0113
1.2	PETRO-LEWIS CORP.	CA-0116
1.2	UNICAL	CA-0125
1.3	CALCOGEN	CA-0135
1.3	GREENLEAF POWER CO.	CA-0119
1.3	OLS ENERGY	CA-0150
1.3	SHELL CA PRODUCTION, INC.	CA-0112
1.4	FAIRHAVEN POWER CO.	CA-0124
1.4	SUPERIOR FARMING CO.	CA-0141
1.4	ULTRASYSTEMS INC.	CA-0118
1.5	PACIFIC THERMONETICS, INC.	CA-0126
1.6	THERMAL POWER	CA-0123
1.6	VALLEY POWER ASSOC.	CA-0134
2.1	ALTERNATIVE FUELS INDUSTRIES	OH-0074
2.1	KAISER ENGINEERS CORP.	CA-0130
2.1	MID-CONNECTICUT RESOURCE RECOVERY FACILITY	CT-0002
2.1	MONTGOMERY CNTY NORTH & SOUTH REDUCTION PLTS	OH-0080
2.1	NORTH COUNTY RESOURCE RECOVERY ASSOC.	CA-0132
2.1	OGDEN MARTIN SYSTEMS OF BRISTOL	CT-0004
2.1	TRI-CITIES RESOURCE RECOVERY	CA-0154
2.3	WESTERN POWER GROUP	CA-0121
3.1	CHEVRON, U.S.A.	CA-0110
3.1	CIBA GIEGY CORP.	NJ-0006
3.1	ENERGY RESERVE, INC.	CA-0115
3.1	GILROY ENERGY CO.	CA-0122
3.1	KERN ENERGY CORP.	CA-0136
3.1	MORAN POWER, INC.	CA-0138
3.1	NORTHERN CALIFORNIA POWER	CA-0139
3.1	SHELL CALIFORNIA PRODUCTION CO.	CA-0112
3.1	SOUTHEAST ENERGY, INC.	CA-0137
3.1	SUNLAW/INDUSTRIAL PARK 2	CA-0147

Figure 1. Control technology determinations received since May 1985. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
3.1	UNION COGENERATION	CA-0155
3.1	WILLAMETTE INDUSTRIES	CA-0144
3.1	WITCO CHEMICAL CORP.	CA-0111
3.2	SHELL CALIFORNIA PRODUCTION	CA-0078
3.3	AMERICAN COGENERATION CORP.	CA-0090
3.3	AMERICAN COGENERATION TECHNOLOGY	CA-0148
3.3	GENSTAR GAS RECOVERY SYSTEMS	CA-0151
3.3	HAWAIIAN ELECTRIC	HI-0002
3.3	PACIFIC LIGHTING ENERGY	CA-0103
3.3	WITCO CHEMICAL CORP.	CA-0111
4.1	CONTINENTAL CAN CO.	CA-0143
4.1	CONTINENTAL CAN CO.	OH-0082
4.1	CROWN CORK & SEAL CO., INC.	CA-0153
4.1	HEEKIN CAN	OH-0081
4.2	CONTAINER CORP. OF AMERICA	CA-0152
4.2	PEACEDALE PROCESSING	RI-0003
4.2	STECHER-TRAUNG-SCHMIDT	CA-0050
4.4	HAWORTH, INC.	MI-0040
4.9	EIMAC/VARIAN FAB CENTER	CA-0146
4.11	MANVILLE FOREST PRODUCTS	CA-0117
4.12	THE SPECIALTY PAPERS CO.	OH-0016
4.13	TOWN & COUNTRY CLEANERS	OH-0075
4.14	CHEMDYNE SITE	OH-0076
5.5	UNION OIL CO.	CA-0133
5.6	BERRY HOLDING CO.	CA-0113
5.6	SUN OIL CO.	CA-0114
5.9	ELK HILLS NAVAL PETROLEUM RESERVE #1	CA-0156
5.9	SUN EXPLORATION & PRODUCTION	CA-0157
5.16	E.I. DUPONT DE NEMOURS & CO., INC.	TX-0170
5.16	GETTY SYNTHETIC FUELS, INC.	OH-0077
5.16	PETRO-LEWIS CORP.	CA-0116

Figure 1. Control technology determinations received since May 1985. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
6.52	BURZA INTERNATIONAL, LTD.	TX-0173
6.62	AKZO CHEMIE AMERICA	TX-0174
6.62	B.F. GOODRICH CO., CHEMICAL DIV.	KY-0012
6.62	EXXON CHEMICAL AMERICAS	TX-0175
7.4	HUDEPOHL BREWING CO.	OH-0083
7.12	CALIFORNIA ALMOND GROWERS EXCHANGE	CA-0131
7.12	CUSTOM SEED CO.	TX-0176
7.12	FRITO-LAY, INC.	GA-0018
7.12	J. G. BOSWELL CO.	CA-0142
8.1	GRANITE CONSTRUCTION CO.	CA-0091
8.1	PECKHAM MATERIALS CORP.	CT-0003
8.5	ARMCO, INC.	OH-0078
8.11	GMC-CENTRAL FOUNDRY DIV., SAGINAW GREY IRON PL*	MI-0042
9.1	AUSTIN PAVING CO.	TX-0172
9.1	RICHARDS & SON, INC.	OH-0079
9.11	LIBBEY - OWENS - FORD CO.	CA-0127
10.1	BRUNSWICK PULP & PAPER CO.	GA-0019
10.1	GEORGIA-PACIFIC CORP.	FL-0035
10.1	NEKOOSA PAPER CO.	AR-0013
10.2	CONSOLIDATED PAPERS, INC.	WI-0034
10.2	FLETCHER PAPER CO.	MI-0041
10.3	LOUISIANA PACIFIC CORP.	CA-0052
10.6	COLLINS & AIKMAN CORP.	NC-0036
10.6	HYPONEX CORP.	TX-0177
11.0	ROCKWELL INTERNAT. MICRO ELECT. R&D FAC.	CA-0149
12.0	SEAMLESS HOSPITAL PRODUCTS	TX-0171
12.0	VANDENBERG AFB, STS PROGRAM	CA-0145

Figure 1. Control technology determinations received since May 1985.

TABLE 1. INDEX OF CONTROL TECHNOLOGY DETERMINATIONS.

REPORT DATE 05/14/1986

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 1.1 EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL	02/24/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6578	AL-0001
ALABAMA POWER CO.	AL	09/10/84	JEFFERSON COUNTY H*	KEN HALL	(205)-933-9110	AL-0023
AMALGAMAIZE CO.	AL	11/29/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0021
AMERICAN LIGNITE PROD. CO.	CA	12/21/83	AMADOR COUNTY APCD	EARL WITHYCOMBE	(916)-862-1233	CA-0048
AMERICAN LIGNITE PROD. CO.	CA	01/10/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0048A
ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT*	AZ	02/15/78	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0003
ARKANSAS PWR & LT CO.	AR	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0001
ASSOC. ELECT. COOP., INC.	MO	02/06/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0002
BASIN ELECTRIC POWER COOP.	ND	01/12/83	NORTH DAKOTA SHD	ROBERT KING	(701)-224-2348	ND-0004
BASIN ELECTRIC POWER COOP.	WY	05/14/76	WYOMING AQD	ECKART HAAS	(307)-777-7391	WY-0013
BIG RIVERS ELECT.-O.B. WILSON STATION	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0009
BOARD OF PUBLIC UTILITIES	KS	09/29/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	KS-0012
B.F. GOODRICH CO.	IL	09/16/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0021
CAJUN ELECT. POWER COOP.	LA	03/25/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0006
CENTRAL POWER & LIGHT	TX	10/19/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0009
CENTRAL STATE UNIVERSITY	OH	07/01/85	DAYTON RAPCA	TIM WILSON	(513)-225-4435	OH-0069
CINCINATI GAS & ELECTRIC CO. - EAST BEN*	KY	05/14/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0030
CITY OF WILKES-BARRE	PA	07/01/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0020
(86)COGENERATION NATIONAL CORP.	CA	12/31/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0129
COGENTRIX OF NORTH CAROLINA, INC.	NC	04/03/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0032
COGENTRIX OF NORTH CAROLINA, INC.	NC	06/25/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0033
COGENTRIX OF NORTH CAROLINA, INC.	NC	09/10/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0035
COLORADO UTE-CRAIG UNIT #3	CO	03/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0007
CONTAINER CORP. OF AM	PA	01/20/81	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0030
(86)CORN PRODUCTS	CA	12/16/85	EPA REGION IX	LINN TRAN	(415)-974-7631	CA-0128
CURTISS-WRIGHT CORP.	NJ	06/13/80	EPA REGION II	STEVE RIVA	(212)-264-8684	NJ-0004
DELMARVA POWER & LIGHT	MD	09/30/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0004
DESERET GEN & TRANS, MOON LAKE	UT	02/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0006
EAST KENTUCKY POWER COOP.	KY	12/02/76	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0018
EASTMAN KODAK CO., KODAK PARK DIV.	NY	12/20/82	NEW YORK DEC	FRANK SHATTUCK	(716)-226-2466	NY-0004

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.
NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

PAGE A- 1

Figure 2. Example of summary table - index of control technology determinations (Table 1).

company name in Table 1. Future supplements will contain similar information. When Table 1 is printed as part of the complete update or new compilation that contains all entries (about every 5 years) no date will appear because all the information in Appendix G would be contained in that edition. It should also be noted that the I.D. number is now in the last column of Table 1 instead of the source type code and the source type code has been moved to a location that is just before the source type name in the category heading. A footnote has also been added to Table 1 that explains the purpose of the number in the parentheses before the company name, which is the year that the information was inserted into the Clearinghouse and the year that the determination appears in the Appendix G update or supplement to the total compilation of determinations.

Table 2A - Control Technology Determinations for Sources with Industrial or Utility Boilers

Table 2A summarizes the BACT/LAER determinations for those sources with industrial or utility boilers. Figure 3 is an example of the Table 2A format. Table 2A also includes the name of the company, the State where the source is located, the State permit number (or EPA Regional Office file number), the process capacity or boiler size, whether the source is new (N) or modified (M), a description of the process or processes being permitted, the emission limitations and pollutants applicable to each permitted process, and the basis for the determination--NSPS (N*), SIP (S*), NAAQS (A*), PSD (P*), BACT (B*), LAER (L*). In some cases, more than one emission limitation is applicable to a given process/pollutant. In those cases, a second emission limitation is listed below the first emission limitation for a given pollutant without the pollutant name being repeated in the column preceding the emission limitation (see listing for Ashland Synthetic Fuels in Figure 3). This second emission limitation is referred to in the main BACT/LAER data base as the alternate limit. Because the space available on Table 2A is limited, a number of abbreviations for processes and emission limitations were developed. A complete list of these abbreviations is contained in Appendix E. Some comments have been received regarding the use of these abbreviations. Every effort has been made to use a standard set of abbreviations. In some cases, however, this was not possible. The control agencies are encouraged to review the abbreviations in Appendix E and submit any suggested revisions. The abbreviations are periodically reviewed and updated accordingly.

As noted above, Table 2A summarizes the emission limits and other information for all source type codes where an external combustion process (boiler) has been permitted (i.e., process codes 1.1 to 1.6). Table 2A now has an I.D. number prior to each entry and is ordered by fuel type and size of the boiler in MM Btu/h (10^6 Btu/h). The boilers are listed in ascending size within each fuel category and all boilers in the system are included regardless of size. Where units of measure were reported in a form other than MM Btu/h, a conversion was performed using the following factors:

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/14/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NC-0030 SOURCE TYPE - 6.62 OTHER CHEMICAL							
MALLINCKRODT, INC.	NC 5126	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					SO2	1.50LB/MMBTU	
ID NUMBER AL-0025 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL							
CONTINENTIAL GRAIN CO.	AL 711-0003-X021	60.60MMBTU/H	M	BOILER, COAL FIRED	NOX	.27LB/MMBTU	B*
					PM	.23LB/MMBTU	B*
					SO2	1.10LB/MMBTU	B*
ID NUMBER KY-0023 SOURCE TYPE - 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)							
ASHLAND SYNTHETIC FUELS,*	KY C-79-121	62.60MMBTU/H	M	BOILER	CO	1.80T/YR	
					NOX	6.80T/YR	
					PM	2.00LB/H	
						10.00T/YR	
					SO2	5.00T/YR	
					VOC	1.00T/YR	
ID NUMBER OH-0069 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
CENTRAL STATE UNIVERSITY	OH 68-712	66.00MMBTU	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.60LB/MMBTU	B*
ID NUMBER NE-0005 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
NEBRASKA ALCOHOL FUEL CO*	NE	66.35MMBTU/H	M	BOILER	NOX	.50LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.16LB/MMBTU	
ID NUMBER OH-0029 SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL							
UNIVERSITY HOSPITAL	OH 1431070203780003	68.00MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	
					SO2	2.00LB/MMBTU	
ID NUMBER IN-0009 SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION							
MIAMI VALLEY REFIN. CO.	IN PC(15)1405	50000.00LB/H	M	BOILER, FBC, COAL FIRED	PM	.06LB/MMBTU	
					SO2	.14LB/MMBTU	

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX G.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
(1) INDICATES ENTRY NOT IN ORDER OF BOILER SIZE IN MMBTU/H. THIS ENTRY DID NOT CONTAIN BOILER (PROCESS) CAPACITY INFORMATION AND THEREFORE COULD NOT BE LISTED IN ORDER OF SIZE.

PAGE C- 3

PROCESS CODE 1.1

Figure 3. Example of summary table - control technology determinations for sources with industrial and utility boilers (Table 2A).

250 MM Btu/h heat input is equal to:

29 MW_i, heat input

25 MW_e, output

200,000 lb steam/h output.

Two footnotes have also been added to Table 2A. The first footnote explains how Table 2A is organized. The second footnote indicates which determinations because of the lack of data could not be converted to MM Btu/h for the purpose of ordering Table 2A. These determinations are presented at the end of each process code summary.

Appendix - Detailed Source Listings

In addition to Tables 1 and 2A, a complete listing of all source data is provided in Appendix G. Information presented in Appendix G consists of the ID number (an identification number assigned by the Clearinghouse), source type code, source type name, source size and corresponding units on the source size, company name, street address, city, county, State, zip code, EPA Regional Office, whether determination is BACT (B) or LAER (L), whether source is new (N) or modified (M), date permit was issued, permit or identification number, estimated startup date, agency issuing permit, contact person within agency who is familiar with the control technology information, agency telephone number, process type code (where applicable), process name, throughput capacity and corresponding units, pollutant name, emission limit (for the given pollutant), alternate limit, basis for limit (BACT, LAER, SIP, etc.), control equipment, process modification (modification that would minimize emissions), percent efficiency for the control devices and notes. This listing is intended to provide the maximum manageable amount of technical and administrative information without essentially duplicating a completed permit application.

An additional item was added to the detailed source listing as presented in the 1985 compilation. This additional item (review status) is located in the lower right-hand corner above the source type code. This item indicates the dates on which the determination was reviewed by the agency issuing the permit. Determinations are routinely submitted to the agency issuing the permit for review after the determination has been initially entered into the system to ensure that all the data have been entered properly and after the proposed startup date to ensure that the determination is still applicable given any changes or revisions that may have taken place between the time the original permit was issued and source startup and operation. These reviews allow the information in the clearinghouse to remain current and complete based on the latest information available to the agency issuing the permit. Agencies are obviously encouraged to submit any major revisions to the determinations as they occur, but a provision has been made to routinely submit all determinations for review after initial entry and after the proposed startup date has passed. Figure 4 is an example of Appendix G or the complete listing for one source. Figure 5 is a listing of the BACT/LAER data base structure.

APPENDIX -- DETAILED SOURCE LISTING

05/21/1985

SOURCE TYPE/SIZE OTHER CHEMICAL

COMPANY NAME/SITE LOCATION BOFORS-NOBEL, INC. MUSKEGON, MI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 629-83
DETERMINATION MADE BY MICHIGAN DNR (AGENCY) GREGORY EDWARDS (AGENCY CONTACT PERSON) (517)-322-1330 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/15/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
MFG. OF MBOCA	CONFIDENTIAL				
		VOC	0.1300 LB/H 0.5500 T/YR	WET SCRUBBER & CARBON ADSORPTION	BACT
		CAS*	0.0100 MG/CU. METER	BAGFILTER + DUAL PARALLEL ABSOLUTE FILTERS	99.95 BACT
		VE	0.0000 % OPACITY		99.99

NOTES ---------
MOCA (CAS#101-14-4) = 4,4'-METHYLENE-BIS-(2 CHLOROANILINE), ALSO CALLED MOCA & CURENE 442. PERMITS INCLUDE ENTIRE PROCESS, SY
NTHESIS THRUOGH PACKAGING.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER MI-0023A

SOURCE TYPE CODE 4.42

Figure 4. Example of appendix or complete source listing.

ID NUMBER*
SOURCE TYPE CODE*
SOURCE TYPE NAME*
SOURCE SIZE*
SOURCE SIZE UNITS*
COMPANY NAME*
ADDRESS*
CITY*
COUNTY*
STATE INITIALS*
ZIP CODE*
EPA REGION*
BACT/LAER DETERM*
NEW/MODIFIED*
DATE PERMIT ISSUED*
PERMIT NUMBER*
REGION FILE NUMBER*
ESTIMATED STARTUP DATE*
AGENCY CONTACT PERSON*
AGENCY PHONE NUMBER*
NOTES*

  PROCESS TYPE CODE*
  NAME OF PROCESS*
  THROUGHPUT CAPACITY*
  THROUGHPUT UNITS*

    POLLUTANT NAME*
    EMISSION LIMIT*
    EMISSION UNITS*
    ALTERNATE LIMIT*
    ALTERNATE UNITS*
    BASIS FOR LIMITS*
    CONTROL EQUIPMENT*
    PROCESS MODIFICATION*
    PERCENT EFFICIENCY*

    POLLUTANT NAME*
    EMISSION LIMIT*
    EMISSION UNITS*
    ALTERNATE LIMIT*
    ALTERNATE UNITS*
    BASIS FOR LIMITS*
    CONTROL EQUIPMENT*
    PROCESS MODIFICATION*
    PERCENT EFFICIENCY*

Figure 5. Computerized listing of BACT/LAER determination data elements.

IMPROVEMENTS TO THE SYSTEM

Because more and more States are expanding their air toxic programs and are requiring permits for sources that emit toxic compounds, we are encouraging State and local agencies to submit permitting data on toxic air pollutants. As a result, the BACT/LAER Clearinghouse can supplement and complement the information in the National Air Toxics Information Clearinghouse, which contains information on air toxic policies, State toxic regulations, and literature dealing with toxic programs.

Because certain toxic compounds can have a variety of names depending on the manufacturer, pollutants will be identified in the BACT/LAER Clearinghouse by the Chemical Abstract Service (CAS) Registry number. The CAS number is a numeric designation assigned by the American Chemical Society's Chemical Abstracts Service and uniquely identifies a specific chemical compound. This will allow the user to conclusively identify a substance regardless of its name. The BACT/LAER Clearinghouse can handle the number of digits needed for the CAS system; however, the output tables can only handle four digits. Therefore, the CAS number will be shown in the Notes Section of the detailed listing (see notes section of Appendix-Detailed Source Listing in Figure 4). The reference for CAS numbers is the Chemical Activities Status Report, Volumes I and II, 4th edition, [EPA-450/TIIF-84-001(a,b)]. Another useful reference is the Documentation of the Threshold Limit Values, published by American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio.

Other improvements and revisions to the system will continue to be considered as a result of contacts with various State and local agencies. These improvements and revisions will be evaluated and made based on the recommendations of the State and local agencies that are submitting determinations to the Clearinghouse.

As improvements and revisions are made in the system, the set of simplified instructions and User's Manual for the automated system will be updated to allow control agencies that currently have access to the EPA Univac Computer in the Research Triangle Park to obtain additional copies of Tables 1 (Appendix A), 2A (Appendix C), and Appendix G, and to enter and retrieve data directly from the clearinghouse. The current set of instructions and User's Manual are available from:

Ms. Candace Sorrell
U.S. Environmental Protection Agency
MD-19
Research Triangle Park, North Carolina 27711
(919) 541-2237

PROCEDURES FOR FUTURE SUBMISSIONS TO THE CLEARINGHOUSE

The BACT/LAER Clearinghouse is intended as a dynamic program with periodic updates and new listings welcomed. Submissions by State and local control agencies are entirely voluntary. Without these submittals, however, the viability and usefulness of the program are jeopardized. Agencies are encouraged to make formal submittals at any time.

Information can be submitted in either of two formats. First, it can be submitted on the voluntary form shown in Figure 6. The same basic information can also be directly input into a special State or local agency file that can be set up to receive data via a computer hookup. Agencies are encouraged to use either format for submittals to the Clearinghouse.

In order to facilitate the submission of determinations and corrections, a copy of the form shown in Figure 7 and a set of instructions for completing the input form are provided in Appendix F of this report. This form can be reproduced and used to submit new determinations and/or to update existing information. All questions regarding the Clearinghouse should be directed to:

Ms. Candace Sorrell
U.S. Environmental Protection Agency
MD-19
Research Triangle Park, North Carolina 27711
(919) 541-2237 (commercial)
629-2237 (FTS)

Mail to: Candace Sorrell
BACT/LAER Clearinghouse
U.S. EPA (MD-19)
RTP, NC 27711

BACT/LAER DETERMINATION INPUT SUMMARY SHEET

[2] Source Code

Date of This Report

Source Type/Size:[1]

Company Name/Site Location:[3]

Determination is:[4] (circle appropriate definition) BACT/LAER For New/Modified Source:

Permit No.:[5]

Date of Permit Issuance:[6]

Date of Estimated Start-up:[7]

Determination Made By:[8] (Agency)

(Person Directly Knowledgeable About Permit) (Phone)

9 Permit Parameters: (List all processes subject to this permit)	10 Maximum Design Capacity	11* Pollutant Regulated	12 Emission limit(s) units of emissions/ units of input	13** Reg. reqmts. assoc. w/limit	14 Control equipment of process modification description	15 Efficiency %

Notes:[15]

*Use the following abbreviations wherever possible: PM=particulate matter, SO_2=sulfur dioxide, NO_x=nitrogen oxides, CO=carbon monoxide, VOC=volatile organic compounds, VE=visible emission, TRS=total reduced sulfur, F=fluoride, Be=beryllium, H_2S=hydrogen sulfide, Hg=mercury, VC=vinyl chloride.

**Please use the following abbreviation: B=BACT, L=LAER, N=NSPS, H=NESHAP, A=NAAQS or PSD constraints, S=SIP, R=RACT, U=Unregulated.

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Figure 6. BACT/LAER determination form.

APPENDIX A

TABLE 1 INDEX OF CONTROL
TECHNOLOGY DETERMINATIONS

TABLE 1. INDEX OF CONTROL TECHNOLOGY DETERMINATIONS.

REPORT DATE 06/05/1986

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 1.1 EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL	02/24/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0001
ALABAMA POWER CO.	AL	09/10/84	JEFFERSON COUNTY H*	KEN HALL	(205)-933-9110	AL-0023
AMALGAMAIZE CO.	AL	11/29/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0021
AMERICAN LIGNITE PROD. CO.	CA	12/21/83	AMADOR COUNTY APCD	EARL WITHYCOMBE	(916)-862-1233	CA-0048
AMERICAN LIGNITE PROD. CO.	CA	01/10/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0048A
ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT*	AZ	02/15/78	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0003
ARKANSAS PWR & LT CO.	AR	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0001
ASSOC. ELECT. COOP., INC.	MO	02/06/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0002
BASIN ELECTRIC POWER COOP.	ND	01/12/83	NORTH DAKOTA SHD	ROBERT KING	(701)-224-2348	ND-0004
BASIN ELECTRIC POWER COOP.	WY	05/14/76	WYOMING AQD	ECKART HAAS	(307)-777-7391	WY-0013
BIG RIVERS ELECT.-D.B. WILSON STATION	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0009
BOARD OF PUBLIC UTILITIES	KS	09/29/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	KS-0012
B.F. GOODRICH CO.	IL	09/16/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0021
CAJUN ELECT. POWER COOP.	LA	03/25/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0006
CENTRAL POWER & LIGHT	TX	10/19/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0009
CENTRAL STATE UNIVERSITY	OH	07/01/85	DAYTON RAPCA	TIM WILSON	(513)-225-4435	OH-0069
CINCINATI GAS & ELECTRIC CO. - EAST BEN*	KY	05/14/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0030
CITY OF WILKES-BARRE	PA	07/01/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0020
(86)COGENERATION NATIONAL CORP.	CA	12/31/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0129
(86)COGENERATION NATIONAL CORP.	CA	12/13/85	SAN JOAQUIN COUNTY*	SEYED SADREDIN	(209)-462-8526	CA-0129A
COSENTRIX OF NORTH CAROLINA, INC.	NC	04/03/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0032
COSENTRIX OF NORTH CAROLINA, INC.	NC	06/25/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0033
COSENTRIX OF NORTH CAROLINA, INC.	NC	09/10/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0035
COLORADO UTE-CRAIG UNIT #3	CO	03/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0007
CONTAINER CORP. OF AM	PA	01/20/81	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0030
(86)CORN PRODUCTS	CA	12/16/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0128
(86)CORN PRODUCTS	CA	10/29/85	SAN JOAQUIN COUNTY*	SEYED SADREDIN	(209)-462-8526	CA-0128A
CURTISS-WRIGHT CORP.	NJ	06/13/80	EPA REGION II	STEVE RIVA	(212)-264-8684	NJ-0004
DELMARVA POWER & LIGHT	MD	09/30/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0004
DESERET GEN & TRANS, MOON LAKE	UT	02/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0006

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.
NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/05/1986

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
EAST KENTUCKY POWER COOP.	KY	12/02/76	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0018
EASTMAN KODAK CO., KODAK PARK DIV.	NY	12/20/82	NEW YORK DEC	FRANK SHATTUCK	(716)-226-2466	NY-0004
E. KENTUCKY POWER CORP.	KY	08/21/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0003
FLORIDA POWER CORP.	FL	01/15/80	FLORIDA DER	BOB KING	(904)-488-1344	FL-0013
GRAND HAVEN BOARD OF LT & PWR	MI	03/18/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0004
GRAND RIVER DAM AUTHORITY	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0001
HOLYOKE WATER POWER CO., MT. TOM PWR PL*	MA	10/27/82	MASSACHUSETTS DEQE*	DAVID HOWLAND	(617)-727-8640	MA-0005
HOUSTON LIGHTING & POWER	TX	10/28/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0005
HOUSTON LIGHTING & POWER	TX	11/12/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0011
IA SOUTHERN UTILITIES (CENTERVILLE, IA.)	IA	12/01/76	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	IA-0007
IDAHO NAT ENGINEERING LAB.	ID	06/05/81	EPA REGION X	DAVID TETTA	(206)-442-1193	ID-0002
INDIANA STATEWIDE RURAL ELEC. COOP., ME*	IN	06/28/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0022
INDIANA & MICHIGAN ELEC. CO., ROCKPORT *	IN	10/27/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0023
INDIANAPOLIS POWER & LIGHT CO., PATRIOT*	IN	12/14/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0025
INTERMOUNTAIN POWER PROJECT	UT	10/17/83	UTAH BAQ	DAVID KAPTA	(801)-533-6108	UT-0009A
INTERMOUNTAIN PWR PROJECT-IPP	UT	06/08/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0009
IOWA ELECTRIC LIGHT & POWER CO.	IA	10/29/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	IA-0011
IOWA-ILLINOIS GAS & ELECT.	IA	06/16/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	IA-0002
JACKSONVILLE ELECT. AUTHORITY	FL	01/01/82	FLORIDA DER	BOB KING	(904)-488-1344	FL-0006
KANSAS CITY POWER & LIGHT	MO	01/07/77	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0004
KANSAS POWER & LIGHT CO.	KS	03/30/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0010
KENTUCKY POWER - CARR'S FAC.	KY	04/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0004
KENTUCKY UTILITIES - HANCOCK POWER PLANT	KY	04/15/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0027
LOUISVILLE GAS & ELECT. - TRIMBLE CNTY *	KY	12/27/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0025
LOUISVILLE GAS & ELECT. - WISE'S LANDIN*	KY	03/01/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0024
LOWER COLORADO RIVER AUTHORITY	TX	12/22/83	TEXAS ACB	JIM CROCKER	(512)-451-5711	TX-0136
MARQUETTE BOARD OF LT & PWR	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0014
MICHIGAN SOUTH CENTRAL POWER AGENCY	MI	05/16/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0001
MINN. POWER & LIGHT CO., CLAY-BOSWELL	MN	06/16/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	MN-0006
MORGANTOWN ENERGY RESEARCH CENTER	WV	09/20/79	EPA REGION III	EILEEN GLEN	(215)-597-8187	WV-0006
MUSCATINE POWER & WATER	IA	01/24/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0001
NE PUBLIC POWER DIST./GENTLEMAN #2	NE	02/09/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	NE-0003
NEBRASKA PUBLIC POWER DIST.	NE	12/16/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	NE-0002
NEVADA PWR CO.	NV	04/13/81	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	NV-0001

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.
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TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/05/1986

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
NEW ENGLAND POWER CO., BRAYTON POINT ST*	MA	11/01/80	MASSACHUSETTS DEQE*	VAUGHAN STEEVES	(617)-727-1440	MA-0006
NORTHERN INDIANA PUBLIC SERVICE CO.	IN	03/31/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0003
NORTHERN STATE POWER CO., SHERBURNE STA	MN	04/25/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	MN-0007
NSPS COAL/WATER MIXTURE DEMO PROJECT	OH		PORTSMOUTH	FRANK PHILLIPS	(614)-353-5153	OH-0063
NY STATE ELECT. & GAS - CYUGA STATION	NY	06/29/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0003
OKLAHOMA GAS & ELECT. CO.	OK	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0003
OKLAHOMA GAS & ELECT. CO.	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0002
PACIFIC POWER & LIGHT	WY	12/01/75	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0012
PANORAMA ENERCORP, INC	WA	09/22/81	EPA REGION X	PAUL BOYS	(206)-442-1193	WA-0001
PENNSYLVANIA ELECT. CO.	PA	08/18/81	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0004
PLAINS ELECT. GEN & TRANS	NM	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	NM-0002
PLATTE RIVER PWR-RAWHIDE	CO	05/22/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0012
RIO BRAVO REFINING CO.	CA	02/28/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0092
SALT RIVER PROJECT CORONADO STATION UNI*	AZ	04/10/78	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0004
SANDOW STEAM ELECT. STATION	TX	09/20/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0007
(86)SCE - BIOGEN POWER PROJECT	CA	04/26/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0120
SIERRA PACIFIC POWER CO.	NV	04/04/78	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	NV-0002
SIKESTON BOARD OF MUNICIPAL UTILITIES	MO	07/14/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	MO-0003
SOUTHWESTERN PUBLIC SERVICE	TX	03/30/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0006
SUNFLOWER ELECT. COOP., INC. - HAYS, KS.	KS	05/19/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0001
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0010
SW ELECT. POWER	LA	09/01/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0002
SW ELECT. POWER	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0015
S.C. PUBLIC SERVICE AUTHORITY	TX	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0001
TACOMA CITY LIGHT	SC	12/03/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0010
TAMPA ELECT. CO.	WA	05/11/82	EPA REGION X	DAVID TETTA	(206)-442-1597	WA-0006
TUCSON ELECT. POWER CO. UNIT #3	FL	10/15/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0003
TUCSON ELECT. POWER CO. UNITS #1 & 2	AZ	04/11/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	AZ-0005
TVA - AFBC PILOT PLANT - SHAWNEE STEAM *	AZ	12/21/77	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	AZ-0002
TVA - PARADISE - DRAKESBORO	KY	04/14/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0007
UTAH PWR & LT CO-HUNTER STATION	KY	06/25/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0036
U.S. NAVY - PUGET SOUND NAVAL SHIPYARD	UT	06/02/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0021
VIRGINIA POWER	WA	09/25/84	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0014
	VA	07/27/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0029

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WASHINGTON WATER POWER CO.	WA	11/17/82	EPA REGION X	PAUL BOYS	(206)-442-1567	WA-0008
WEST TEXAS UTILITIES CO.	TX	05/20/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0012
(86)WHITE PINE POWER PROJECT	NV	08/06/85	NEVADA DEP	GLEN GENTRY	(702)-885-4670	NV-0010
WISCONSIN ELEC. POWER CO., PLEASANT PRA*	WI	08/09/76	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0030
WISCONSIN POWER & LIGHT CO., EDGEWATER *	WI	04/26/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0029
WISCONSIN PUBLIC SERVICE CORP., WESTON *	WI	05/11/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0028
3M CO.	AL	11/29/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0022
SOURCE TYPE -- 1.2 EXTERNAL COMBUSTION - OIL						
ANGUS PETROTECH	CA	11/29/83	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0069
(86)BERRY HOLDING CO.	CA	10/02/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0113A
DELCO MORAINE DIV., GMC	OH	07/01/85	DAYTON RAPCA	AMY WRIGHT	(513)-225-4435	OH-0071
HOOKER CHEMICAL & PLASTICS CORP.	MD	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0013
HOPCO	CA	12/04/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0089
HOUSTON LIGHTING & POWER	TX	01/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0013
NORTHERN INDIANA PUBLIC SERVICE CO., SC*	IN	08/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0024
(86)PETRO-LEWIS CORP.	CA	08/07/84	EPA REGION 9	LINH TRAN	(415)-974-7631	CA-0116B
(86)UNICAL	CA	12/27/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0125
SOURCE TYPE -- 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
APPLIED POWER TECHNOLOGY	CA	11/29/83	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0066
(86)CALCOGEN	CA	04/26/84	EPA REGION 9	LINH TRAN	(415)-974-7631	CA-0135
CONSUMERS POWER CO.	MI	06/01/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0013
(86)GREENLEAF POWER CO.	CA	04/18/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0119
MCBAY CHEMICAL CORP.	MO	08/16/83	KANSAS CITY AQS	LARRY COLE	(816)-274-2501	MO-0006
(86)OLS ENERGY	CA	01/30/86	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0150
(86)SHELL CA PRODUCTION, INC.	CA	02/06/86	EPA REGION 9	LINH TRAN	(415)-974-7631	CA-0112A
SOUTHERN NAT. GAS	MS	08/21/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0003

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
AFTON GENERATING CO.	WY	02/15/83	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0003
COLLINS PINE CO.	CA	08/03/84	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0083
CO-GEN., INC.	ID	03/15/83	EPA REGION X	PAUL BOYS	(206)-442-1193	ID-0001
CO-GEN., INC.	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0001A
(86)FAIRHAVEN POWER CO.	CA	02/12/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0124
HAYFORK COGENERATION PROJECT	CA	12/14/83	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	CA-0070
MCNEIL GENERATING STATION	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-828-3395	VT-0002
(86)SUPERIOR FARMING CO.	CA	02/25/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0141
TEXAS ELECTRIC COOP.,INC.	TX	02/07/84	TEXAS ACB	JIM CROCKER	(512)-451-5711	TX-0145
ULTRASYSTEMS	CA	01/12/84	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	CA-0077
(86)ULTRASYSTEMS INC.	CA	08/09/85	TUOLUMNE COUNTY AP*	EARL WITHYCOMBE	(916)-862-1233	CA-0118
SOURCE TYPE -- 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT	IA	11/05/79	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0006
CITY OF COLUMBUS	OH	10/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0045
FLORIDA POWER & LIGHT	FL	02/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0014
GULF STATES UTILITY	LA	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0004
HARNEY ELECT.	OR	08/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	OR-0001
INTERNATIONAL PAPER CO.	TX	02/04/84	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0144
MULTITRADE GROUP, INC.	VA	09/26/84	VIRGINIA APCB	TOM CREASY	(804)-786-1433	VA-0028
(86)PACIFIC THERMONETICS, INC.	CA	12/10/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0126
POWER AUTHORITY STATE OF NEW YORK	NY	02/22/82	EPA REGION II	DENNIS SANTELLA	(212)-264-9628	NY-0005
STONE CONTAINER CORP.	LA	06/02/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0042
SOURCE TYPE -- 1.6 EXTERNAL COMBUSTION - OTHER						
AMERICAN PACKAGING CORP.	PA	12/28/82	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0031
CALIFORNIA POWER & LIGHT	CA	01/01/84	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0062
CONTINENTAL CARBON CO.	TX	11/04/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0124

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HOUSTON LIGHTING & POWER	TX	09/10/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0008
IMOTEK, INC.	CA	09/01/83	SACRAMENTO APCD	ROBERT KNIGHT	(916)-366-2107	CA-0071
METROPOLITAN SERVICE DISTRICT	OR		OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	OR-0003
OCCIDENTAL GEOTHERMAL - OXY #1	CA	05/10/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0034
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	07/27/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0029
TEXAS UTILITIES GEN CO.	TX	09/22/77	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0003
TEXAS UTILITIES SERVICE, INC.	TX	02/09/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0002
TEXAS UTILITIES SERVICE, INC.	TX	01/17/78	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0004
(86)THERMAL POWER	CA	05/20/85	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0123
U.S. SUGAR CORP.	FL	01/11/85	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0034
(86)VALLEY POWER ASSOC.	CA	09/24/84	EPA REGION 9	LINH TRAN	(415)-974-7631	CA-0134
WESTCHESTER COUNTY RESOURCE RECOVERY	NY	02/22/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0008
SOURCE TYPE -- 2.1 REFUSE INCINERATION						
(86)ALTERNATIVE FUELS INDUSTRIES	OH	06/17/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0074
ARLINGTON/ALEXANDRIA WASTE-TO-ENERGY PLT	VA	10/04/84	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0024
CE - RESOURCE RECOVERY SYSTEMS	MI	11/09/84	MICHIGAN DNR	RANDAL TELESZ	(517)-322-1333	MI-0039
CITY OF CLEBURNE	TX	02/27/85	TEXAS ACB	JAMES RANDALL	(512)-451-5711	TX-0158
COMMERCE REFUSE-TO-ENERGY	CA	05/08/84	SOUTH COAST AQMD	T. HUNT	(818)-572-6203	CA-0107
DUTCHESS COUNTY RESOURCE RECOVERY	NY	10/14/83	NEW YORK DEC	JAMES HARRINGTON	(518)-457-2018	NY-0012
ENERGY ANSWERS CORP.	MA	03/15/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0002
HOOKER ENERGY CORP.	NY	07/23/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0002
(86)KAISER ENGINEERS CORP.	CA	12/31/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0130
KATY SEGHERS	UT	02/24/84	UTAH BAQ	DAVID KOPTA	(801)-533-6108	UT-0032
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	04/25/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0030
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	07/02/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0030A
(86)MID-CONNECTICUT RESOURCE RECOVERY FACIL*	CT	04/18/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0002
(86)MONTGOMERY CNTY NORTH & SOUTH REDUCTION*	OH		OHIO REGIONAL APCA	VICTORIA HATHAWAY-*	(513)-225-4438	OH-0080
MUNICIPAL INCINERATOR PULASKI HWY	MD	01/25/80	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0002
NESHC RESOURCE RECOVERY FACILITY	MA	05/27/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0004
NOFOLK NAVAL SHIPYARD	VA	03/26/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-4867	VA-0026
(86)NORTH COUNTY RESOURCE RECOVERY ASSOC.	CA	11/30/84	SAN DIEGO COUNTY A*	JUDITH LAKE	(619)-565-5908	CA-0132

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N.E. MARYLAND WASTE DISPOSAL AUTHORITY	MD	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0005
(86)OGDEN MARTIN SYSTEMS OF BRISTOL	CT	09/09/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0004
OGDEN PROJECTS, INC.	OK	06/21/84	TULSA CITY-COUNTY *	J. VAN SANDT	(918)-744-1000	OK-0021
PUBLIC WORKS & UTILITIES	FL	01/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0033
REDDY CREEK IMPROVEMENT DIST	FL	02/11/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0007
REFUSE FUELS, INC.	MA	03/23/81	EPA REGION I	JOHN COURCIER	(617)-223-4448	MA-0001
RESOURCE RECOVERY DEVELOPMENT AUTHORITY*	GA	04/05/84	GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0017
RESOURCES AUTHORITY	TN	08/01/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0012
TRANS ENERGY	OR	12/19/83	OREGON DEQ	WENDY SIMS	(503)-229-5259	OR-0004
(86)TRI-CITIES RESOURCE RECOVERY	CA	12/03/85	BAY AREA AQMD	BRIAN BATEMAN	(415)-771-6000	CA-0154
VICON RECOVERY SYSTEMS	VT	03/20/84	ENVIRONMENTAL CONS*	LARRY MILLER	(802)-828-3395	VT-0003
SOURCE TYPE -- 2.2 SEWAGE SLUDGE INCINERATION						
CITY OF L.A., HYPERION, BUREAU OF ENGIN*	CA	09/30/82	EPA REGION IX	RICK SUGAREK	(415)-974-8224	CA-0033
COUNTY SANITATION DISTRICTS OF L.A. COU*	CA	02/13/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0033A
SOURCE TYPE -- 2.3 OTHER SOLID WASTE DISPOSAL						
CREMATION SERVICES, INC.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0055
DELAWARE SOLID WASTE AUTHORITY	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0003
DELAWARE SOLID WASTE II	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0003A
GABRIEL POWER CO.	CA	04/18/84	FRESNO COUNTY APCD	C.E. MASKALL	(209)-445-3258	CA-0099
LUBBOCK FEEDLOTS, INC.	TX	02/16/83	TEXAS ACB	RALPH BOWLER	(512)-451-5711	TX-0119
RACK PROCESSING CO.	OH		DAYTON RAPCA	DONNA GORBYLEE	(513)-225-5926	OH-0072
WATSON ENERGY SYS, INC.	CA	01/03/80	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0021
(86)WESTERN POWER GROUP	CA	11/21/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0121
SOURCE TYPE -- 3.1 NATURAL GAS TURBINES						
AMCO CHEMICALS CORP.	TX	03/01/84	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0149

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ANCHORAGE MUNICIPAL LIGHT & POWER	AK	10/15/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0008
APPLIED ENERGY SERVICES	LA		LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0053
BASF WYANDOTTE CO.	LA	09/13/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0054
CARDINAL COGEN	CA	06/29/83	EPA REGION IX	RICK SUGAREK	(415)-974-7631	CA-0084
(86)CHEVRON, U.S.A.	CA	07/22/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0110
CHUGACH ELECTRIC ASSOCIATION, UNIT #4	AK	08/06/82	EPA REGION X	PAUL BOYS	(206)-442-1567	AK-0005
(86)CIBA GIEGY CORP.	NJ	01/03/85	NEW JERSEY DEP	THOMAS MICAI	(609)-984-3033	NJ-0006
COLORADO INTERSTATE GAS	KS	10/19/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0013
CROWN ZELLERBACH, INC.	CA	03/01/82	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	CA-0044
DOW CHEMICAL, USA	LA	11/14/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0011A
(86)ENERGY RESERVE, INC.	CA	10/04/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0115
EXPLORER PIPELINE CO.	TX	06/20/84	TEXAS ACB	R. HAMILTON	(512)-451-5711	TX-0150
GETTY OIL CO.	CA	03/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0109
GETTY OIL, KERN RIVER COGENERATION PROJ*	CA	11/03/83	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0063
(86)GILROY ENERGY CO.	CA	08/01/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0122
IBM COGENERATION PROJECT	CA	12/01/84	BAY AREA AQMD	VICTOR REYES	(415)-771-6000	CA-0105
(86)KERN ENERGY CORP.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0136
KISSIMMEE UTILITIES	FL	03/30/84	FLORIDA DER	TERESA HERON	(904)-488-1344	FL-0029A
(86)MORAN POWER, INC.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0138
NEVADA PWR CO., CLARK STATION UNIT #7	NV	10/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	NV-0003
NEVADA PWR CO., CLARK STATION UNIT #8	NV	09/11/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	NV-0005
(86)NORTHERN CALIFORNIA POWER	CA	04/01/85	MENDOCINO COUNTY A*	R. SWAN	(707)-463-4391	CA-0139
NORTHERN CALIFORNIA POWER AGENCY	CA	09/05/84	PLACER COUNTY APCD	KEN SELOVER	(916)-823-4443	CA-0095
NORTHERN NATURAL GAS	KS	03/12/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0015
PANHANDLE EAST. PIPE LINE CO.	KS	11/18/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0016
PETRO-TEX CHEMICAL CORP.	TX	12/21/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	TX-0130
PROCTOR & GAMBLE	CA	06/07/85	EPA REGION IX	JIM HANSON	(415)-974-8218	CA-0067
PRUDHOE BAY CONSORTIUM	AK	09/29/81	EPA REGION X	DAVID TETTA	(206)-442-1193	AK-0004
PUGET SOUND POWER & LIGHT	WA	08/23/82	EPA REGION X	PAUL BOYS	(206)-442-1567	WA-0007
(86)SHELL CALIFORNIA PRODUCTION CO.	CA	04/30/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0112
SIMPSON COGENERATION PROJECT	CA	01/06/84	SOUTH COAST AQMD	BRIAN YEH	(818)-572-6256	CA-0098
(86)SOUTHEAST ENERGY, INC.	CA	04/18/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0137
SOUTHERN CALIF. EDISON CO.	CA	04/25/83	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0047
(86)SUNLAW/INDUSTRIAL PARK 2	CA	06/28/85	SOUTH COAST AQMD	BOB PEASE	(818)-572-6174	CA-0147

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SW GAS STORAGE CO., PANHANDLE EAST. PIP*	KS	12/11/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0005
TEXAS EASTERN TRANSMISSION CO.	PA	07/07/82	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0027
TEXAS GULF CHEMICALS CO.	TX	06/11/84	TEXAS ACB	J. RANDALL	(512)-451-5711	TX-0151
TEXAS PETRO CHEMICALS CORP.	TX	06/08/84	TEXAS ACB	J. RANDALL	(512)-451-5711	TX-0152
TOSCO CORP.	CA	12/13/83	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0046B
(86)UNION COGENERATION	CA	01/17/86	BAY AREA AQMD	STEVE HILL	(415)-771-6000	CA-0155
UNIVERSITY CO-GENERATION LTD., 1983-I	CA	03/21/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0064
VULCAN MATERIALS CO.	KS	07/23/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0009
(86)WILLAMETTE INDUSTRIES	CA	04/26/85	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0144
(86)WITCO CHEMICAL CORP.	CA	12/19/84	EPA REGION 9	JIM HANSON	(415)-974-8218	CA-0111A
SOURCE TYPE -- 3.2 NATURAL GAS COMPRESSORS						
ALGONQUIN GAS TRANSMISSION CO.	CT	03/05/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	CT-0001
ANR STORAGE CO.	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0015
CO INTERSTATE GAS, CHEYENNE	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0001
CO INTERSTATE GAS, DEERTRAIL	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0002
CO INTERSTATE GAS, FLANK	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0003
CO INTERSTATE GAS, KIT CARSON	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0004
CO INTERSTATE GAS, TOTEM/LONG	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0005
CO INTERSTATE GAS, WATKINS	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0006
CONSOLIDATED GAS SUPPLY CORP.	WV	09/14/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	WV-0001
EL PASO NATURAL GAS CO., WASHINGTON RAN*	NM	05/14/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0006
ENSERCH EXPLORATION CO.	TX	12/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0133
GETTY OIL CO.	TX	10/12/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0101
LIQUID ENERGY CORP.	TX	11/10/82	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0128
LLANO, INC.	NM	06/22/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0009
MICHIGAN WISCONSIN PIPE LINE CO.	MI	11/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0016
PANHANDLE EAST. PIPE LINE CO.	KS	07/28/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0002
PANHANDLE EAST. PIPE LINE CO., FRED.	CO	11/25/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0010
PANHANDLE EAST., FT. LUPTON	CO	05/29/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0011
PHILLIPS PETROLEUM CO.	TX	12/15/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0125
SANTA FE ENERGY	CA	12/02/82	VENTURA COUNTY	KEITH DUVAL	(805)-654-2664	CA-0073

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(86)SHELL CALIFORNIA PRODUCTION	CA	12/02/85	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2845	CA-0078B
SHELL CALIFORNIA PRODUCTION, INC., BELL*	CA	05/29/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0079
SOUTHERN NAT. GAS	AL	01/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0011
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0012
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0013
TENNESSEE GAS PIPELINE CO.	PA	03/01/83	PENNSYLVANIA BAQ, *	WILLIAM CHARLTON	(814)-724-8530	PA-0028
TRANSCONTINENTAL GAS PIPELINE CORP.	LA	10/14/83	LAQD/EPA REGION VI	HARENDRA RAOL	(504)-342-8940	LA-0043
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	09/23/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0013A
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0013
TRANSWESTERN PIPELINE CO., ISLER NO. 1 *	NM	05/08/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0014
TRANSWESTERN PIPELINE CO., KENNITZ STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0012
TRANSWESTERN PIPELINE CO., MALJAMAR STA*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0011
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010A
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010B
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0010C
VALERO TRANSMISSION CO.	TX	09/09/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0104
WESTAR TRANSMISSION CO.	TX	12/07/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0134
SOURCE TYPE -- 3.3 OTHER INTERNAL COMBUSTION						
(86)AMERICAN COGENERATION CORP.	CA	09/12/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0090A
AMERICAN COGENERATION CO.	CA	12/28/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0090
(86)AMERICAN COGENERATION TECHNOLOGY	CA	09/16/85	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0148
ARGO PETROLEUM, FERNDALE LEASE	CA	09/30/83	VENTURA COUNTY	KEITH DUVAL	(805)-654-2664	CA-0074
CAJUN ELECT. POWER COOP.	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0001
CITY OF AUGUSTA	KS	05/29/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0007
CITY OF KINGMAN	KS	03/01/83	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	KS-0017
CITY OF OTTAWA	KS	12/02/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0004
EMPIRE DIST. ELECT. CO.	MO	01/07/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0001
EXXON CORP.	TX	01/29/85	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0162
FLORIDA POWER	FL	01/21/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0020

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GENERAL MOTORS CORP., PROVING GROUNDS	MI	03/14/84	MICHIGAN DNR	KENNETH TERRY	(517)-322-1333	MI-0026A
(86)GENSTAR GAS RECOVERY SYSTEMS	CA	08/29/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0151
GULF STATES UTILITY	LA	01/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0005
GULF STATES UTILITY	LA	12/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0003
(86)HAWAIIAN ELECTRIC	HI	05/08/84	EPA REGION 9	JIM HANSON	(415)-974-8218	HI-0002
HOFFMANN-LAROCHE, INC.	NJ	08/17/81	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0003
KILN-GAS R & D INC.	IL		ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0019
MUNICIPAL GENERATING PLANT	KS		EPA REGION VII	STEVE KOVAC	(816)-374-6525	KS-0014
NEVADA PWR CO./REID GARDNER STATION	NV	01/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	NV-0004
ORGANIC FUEL PRODUCTION, INC.	TX	02/16/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	TX-0113
P G & E - LOS MEDANOS COMPRESSORS	CA	01/08/81	BAY AREA AQMD	JOHN LAIRD	(415)-771-6000	CA-0106
PACIFIC ENERGY RESOURCES	CA	11/14/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0086
(86)PACIFIC LIGHTING ENERGY	CA	03/01/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0103A
PACIFIC LIGHTING ENERGY SYSTEMS	CA	01/28/85	MONTEREY BAY UNIFI*	FRED THOITS	(408)-443-1135	CA-0103
PRUDHOE BAY CONSORTIUM	AK	12/17/80	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0003
SANTA CRUZ COGENERATION ASSOC.	CA	07/23/84	MONTEREY BAY UNIFI*	B. NISHIMURA	(408)-443-1135	CA-0101
SEA WORLD, INC.	CA	06/11/82	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	CA-0042
SEA WORLD, INC.	CA	05/12/83	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	CA-0042A
SEBRING UTILITIES COMMISSION	FL	04/03/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0025
SHELL OIL CO.	TX	03/27/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0030
SOLEDAD COGENERATION ASSOC.	CA	03/05/84	MONTEREY BAY UNIFI*	B. NISHIMURA	(408)-443-1135	CA-0102
TRENTON DISTRICT ENERGY CO.	NJ	10/29/81	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0002
(86)WITCO CHEMICAL CORP.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0111
SOURCE TYPE -- 4.1 SURFACE COATING - CANS/COILS						
BALL METAL CONTAINER GROUP	OH	04/10/81	OHIO EPA NWD	DON WALTERMEYER	(419)-352-8461	OH-0035
(86)CONTINENTAL CAN CO.	CA	03/15/85	BAY AREA AQMD	JUDY CUTINO	(415)-771-6000	CA-0143
(86)CONTINENTAL CAN CO.	OH		SOUTHWEST OHIO APCA	JIM SADELFELD	(513)-251-8777	OH-0082
CONTINENTAL CAN CO., USA PLANT #82	OH	07/01/83	REGIONAL APCA	JAMES GROSS	(513)-225-4435	OH-0047
(86)CROWN CORK & SEAL CO., INC.	CA	12/31/85	BAY AREA AQMD	J. CUTINO	(415)-771-6000	CA-0153
EVANS COOPERAGE CO., INC.	OK	05/04/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0015
(86)HEEKIN CAN	OH	01/10/86	SOUTHWEST OHIO APCA	JIM SADELFELD	(513)-251-8777	OH-0081

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MILLER BREWING CO.	GA	07/02/79	GEORGIA EPD	HAI CHANG	(404)-656-6900	GA-0011
NATIONAL CAN CORP.	IL	11/09/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0011
PREFINISH METALS	OH	05/04/79	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0039
STROH CONTAINER	OH	08/30/79	OHIO EPA NWD	DON WALTERMEYER	(419)-352-8461	OH-0036
SOURCE TYPE -- 4.2 SURFACE COATING - PAPERS/FABRICS						
ALLIED PRINTERS & PUBLISHERS, INC.	OK	03/13/81	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0016
ARKWRIGHT, INC.	RI	06/05/84	RHODE ISLAND DAHM	DOUG MCVAY	(401)-277-2808	RI-0001
AVERY INTERNAT	OH	06/11/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0014
BROWN BRIDGE MILLS, DIV. OF KIMBERLY CL*	OH	07/01/85	DAYTON RAPCA	TIM WILSON	(513)-225-4435	OH-0070
(86)CONTAINER CORP. OF AMERICA	CA	01/02/86	BAY AREA AQMD	JOE SLAMOVICH	(415)-771-6000	CA-0152
DIETZGEN CORP.	IL	12/11/80	EPA REGION V	CHRIS ROMAINE	(217)-782-2113	IL-0013
FRYE COPY SYS, INC	IN	11/07/00	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0019
GAZETTE PRESS PRINTING	CA	12/20/82	BAY AREA AQMD	MOHAMAD MDAZED	(415)-771-6000	CA-0054
H.S. CROCKER CO. PRINTING	CA	03/21/82	BAY AREA AQMD	MOHAMAD MDAZED	(415)-771-6000	CA-0055
INLAND, DIVISION OF G.M. CORP.	OH	09/18/80	REGIONAL APCA	JAMES GROSS	(513)-225-4435	OH-0048
INTERNAT. LABEL MFG. FAC.	TN	03/26/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0004
ITEN FIBRE CO.	OH	12/23/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0015
MURRAY RUBBER, (MEAD COMPANY)	TX	07/01/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0086
NDM CORP.	OH	07/23/82	RAPCA - DAYTON,OH	THURMAN SMITH	(513)-225-4435	OH-0043
(86)PEACEDALE PROCESSING	RI	11/21/85	RHODE ISLAND DAHM	DOUG MCVAY	(401)-277-2808	RI-0003
STECHER-TRAUNG-SCHMIDT	CA	10/08/82	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0050
(86)STECHER-TRAUNG-SCHMIDT	CA	11/05/85	BAY AREA AQMD	E. LINDER	(415)-771-6000	CA-0050A
SOURCE TYPE -- 4.3 SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						
CHEVROLET - FLINT MANUFACTURING	MI	03/07/84	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0035
CHRYSLER CORP.	MI	06/05/80	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0008
FMC CORP. - SAN JOSE ORDINANCE	CA	06/22/82	BAY AREA AQMD	BRIAN BATEMAN	(415)-771-6000	CA-0059
FORD MOTOR CO.	MI	01/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0017
GENERAL MOTORS CORP.	KY	09/12/84	KENTUCKY DEP	JAMES DILLS	(502)-564-3382	KY-0043

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GENERAL MOTORS - TOYOTA JOINT VENTURE	CA	02/22/84	BAY AREA AQMD	JIM TOMICH	(415)-771-6000	CA-0104
GM WORLD WIDE TRUCK DIV	OH	05/13/80	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	OH-0009
VOLKSWAGEN OF AM	MI	06/01/80	MICHIGAN DNR	JON TROUT	(517)-322-1333	MI-0007
SOURCE TYPE -- 4.4 SURFACE COATING - METAL FURNITURE						
(86)HAWORTH, INC.	MI		MICHIGAN DNR	LYNN FIEDLER	(517)-322-1333	MI-0040
KINCAID FURNITURE CO., INC.	NC	10/17/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0031
MERIDIAN, INC.	MI	11/07/84	MICHIGAN DNR	PAUL SCHLEUSENER	(517)-322-1333	MI-0038
STEELCASE, INC.	MI	06/01/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	MI-0018
SOURCE TYPE -- 4.5 SURFACE COATING - MAGNET WIRE						
PHELPS DODGE, MAGNET WIRE CORP.	KY	03/25/75	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0035
SOURCE TYPE -- 4.6 SURFACE COATING - LARGE APPLIANCES						
SANYO E&E CORP.	CA	08/21/81	SAN DIEGO APCD	LORENZO ALEJANDRIA	(619)-565-3914	CA-0043
SOURCE TYPE -- 4.7 SURFACE COATING - MISC. METAL PARTS/PRODUCTS						
ALENCO DIVISION OF REDMAN BUILDING PROD*	TX	04/17/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0129
AMERICAN METAL DECORATING CO.	CA	03/07/80	BAY AREA AQMD	JOHN PHILLIPS	(415)-771-6000	CA-0053
GMC, TRUCK & BUS GROUP	MI	05/01/84	MICHIGAN DNR	DAVE FERRIER	(517)-322-1333	MI-0036
MARK IND.	TX	10/20/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0103
SQUARE D CO.	OH	01/25/84	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0060
TIFTON ALUMINUM CO.	LA	01/10/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0044
SOURCE TYPE -- 4.8 SURFACE COATING - FLATWOOD PANELING						

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ABITIBI-PRICE CORP.	OH	07/07/83	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	OH-0049A
SOURCE TYPE -- 4.9 SOLVENT DEGREASING						
ALLOYTEK						
BRIGGS & STRATTON CORP.	MI	08/05/83	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0033
(86)EIMAC/VARIAN FAB CENTER	WI	03/04/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0006
REGAL INTERNATIONAL, INC.	CA	07/12/85	BAY AREA AQMD	CRAIG ULLERY	(415)-771-6000	CA-0146
	TX	09/22/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0132
SOURCE TYPE -- 4.11 WASTE SOLVENT RECLAMATION						
(86)MANVILLE FOREST PRODUCTS	CA	11/06/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0117
SOURCE TYPE -- 4.12 GRAPHIC ARTS						
BEMIS CARPHANE FILMS						
BEMIS CO.	WI	08/25/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0003
BEMIS SPECIALTY FILMS	WI	11/13/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0002
BROWN PRINTING	WI	12/21/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0004
COLUMBUS COATED FABRICS	KY	07/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0015
CONTAINER CORP. OF AM	OH	04/29/81	OHIO EPA CD	VICTOR FISHER	(614)-864-3195	OH-0033
CPS INDUSTRIES	IN	10/31/80	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0018
DIVERSIFIED PRINTING	TN		TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0005
MEREDITH/BURDA CORP.	TN	03/10/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0002
R. J. R. ARCHER,INC.	NC	01/07/85	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0010A
R.R. DONNELLEY & SONS CO.	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	NC-0026
SEIPLE LITHOGRAPH CO.	IL	03/18/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IL-0002
SOUTHWEST COLOR PRINTING CORP.	OH		CANTON APCD	ANDY PASKO	(216)-489-3385	OH-0073
TEXAS COLOR, INC.	TX	09/22/82	TEXAS ACB	ART KELLOGG	(713)-634-3357	TX-0131
(86)THE SPECIALTY PAPERS CO.	TX	03/01/84	TEXAS ACB	A. J. KELLOGG	(512)-451-5711	TX-0148
	OH		DAYTON RAPCA	DONNA GORBY-LEE	(513)-225-4435	OH-0016A

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UNION INDUSTRIES, INC.	RI	04/10/85	RHODE ISLAND DEM	DOUG MCVAY	(401)-277-2808	RI-0002
UNITED COLOR PRESS	OH	09/17/83	SOUTHWEST OHIO APCA	RAY SILBERNAGEL	(513)-251-8777	OH-0061
WORLD COLOR PRESS	IL	01/13/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0017
W.F. HALL PRINTING CO.	GA	10/04/82	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	GA-0013
SOURCE TYPE -- 4.13 DRY CLEANING						
(86)TOWN & COUNTRY CLEANERS	OH	07/10/85	SOUTHWEST OHIO APCA	IRENE YUST	(513)-251-8777	OH-0075
SOURCE TYPE -- 4.14 OTHER ORGANIC EVAPORATION LOSS						
BROYHILL FURNITURE	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0014
CAPITOL MAGNETIC PRODUCTS DIV., CAPITOL*	VA	11/27/84	VIRGINIA APCB	KATHERINE MILLER	(804)-786-1433	VA-0025
(86)CHEMDYNE SITE	OH	06/12/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0076
FLUORESCENT EQUIPMENT & MFG CO.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0058
GUARDIAN INDUSTRIES CORP.	TX	06/08/83	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0114
MEREDITH CORP.	IA	04/15/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	IA-0009
MR. SPA, INC.	CA	09/08/83	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2664	CA-0060
PHILLIPS INDUSTRIES, INC.	TX	01/16/85	TEXAS ACB	JIM CUNNINGHAM	(512)-451-5711	TX-0169
PPG INDUSTRIES, INC.	OH	01/06/84	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0059
ROCKWELL INTERNATIONAL	OK	07/08/80	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0012
SOLVENT RESOURCE RECOVERY	OH	07/07/82	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	OH-0044
U.S. AVIEX CO.	MI	10/14/83	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	MI-0034
SOURCE TYPE -- 5.1 PETROLEUM REFINING - SEPARATION						
ARCO PETROLEUM PROD. CO.	CA	04/06/79	EPA REGION IX	RICK SUGAREK	(415)-974-8058	CA-0017
DOW CHEMICAL CO.	TX	12/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0019
GULF STATES OIL & REFINING CO.	TX	12/04/80	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0087

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 5.2 PETROLEUM REFINING - CONVERSION						
ASHLAND OIL, INC.	KY	09/21/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0026
CHAMPLIN PETROLEUM CO.	CA	03/24/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	CA-0016
CHAMPLIN PETROLEUM CO.	TX	11/13/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0018
CHEVRON	CA	10/06/81	BAY AREA AQMD	JOHN SWANSON	(415)-771-6000	CA-0045B
EXXON CO., USA/BAYWAY REFIN.	NJ	10/27/80	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0001
KOCH REFINING CO.	TX	12/18/84	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0157
TEXAS OLEFINS CO.	TX	11/23/83	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0140
UNITED REFINING CO.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0016
SOURCE TYPE -- 5.3 PETROLEUM REFINING - TREATING						
COLLET VENTURES, INC.	AL	01/12/84	ALABAMA DEM	GEORGE SULLIVAN	(205)-271-7861	AL-0024
ENDEVCO, INC.	AR	12/03/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	AR-0003
OIL INTERNATIONAL LTD	MT	03/10/83	STATE OF MONTANA	HARRY KELTZ	(406)-449-3454	MT-0003
PACIFIC REFINING CORP.	CA	09/28/83	BAY AREA AQMD	LEONARD CLAYTON	(415)-771-6000	CA-0056
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	CA-0046
SOURCE TYPE -- 5.4 PETROLEUM REFINING - FEEDSTOCK						
AMOCO OIL CO.	IN	02/27/81	INDIANA APCD	KEN KEARNEY	(317)-633-0647	IN-0010
ARCO PIPELINE CO.	PA	01/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0010
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0026
SOURCE TYPE -- 5.5 PETROLEUM REFINING - AUXILIARY						
ALLIED MATERIALS CORP.	OK	09/30/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0007
AMERICAN PETROFINA CO. OF TEXAS	TX	01/21/83	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0127
AMOCO	TX	12/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0020
AMOCO TEXAS REFINING CO.	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0067

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ARCO ALASKA, INC.	AK	01/11/85	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0010
CALCASIEU REFIN.	LA	07/22/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0019
CAROLINA REFINING & DIST	GA	09/10/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0001
CHAMPLIN PETROLEUM CO.	TX	04/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0063
CHEVRON USA REF.	MS	12/10/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0007
CHEVRON USA, INC.	CA	04/08/82	BAY AREA AQMD	JOHN SWANSON	(415)-771-6000	CA-0045
CITIES SERVICE CO.	LA	01/18/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0038
CLARK OIL CO., WOOD RIVER REFIN.	IL	09/25/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0003
CLARK OIL, MT. AIRY REFINERY	LA	12/22/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0045
COASTAL STATES PETROLEUM	TX	10/14/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0066
CONOCO, INC.	LA	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0008
CONOCO, INC.	LA	08/10/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0010
CRA,INC.	KS	09/04/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0003
CYPRESS REFINING CO., HILL PETROLEUM CO.	LA	01/03/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0027A
DIAMOND SHAMROCK CORP.	TX	09/04/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0034
EXXON CHEMICAL AMERICAS	TX	07/30/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0046
EXXON CO., USA	CA	12/10/80	BAY AREA AQMD	LEONARD CLAYTON	(415)-771-6000	CA-0057
FRIENDSWOOD REFIN.	TX	06/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0022
GETTY OIL CO.	CA	08/24/82	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0030
GOOD HOPE REFIN., INC.	LA	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0032
GULF OIL CO.	TX	10/13/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0049
GULF OIL CO.	TX	10/21/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0062
HAWAIIAN INDEPEN. REFIN.	HI	08/18/81	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	HI-0001
HIGH PRAIRIE ENERGY CO.	MT	09/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	MT-0001
HILL PETROLEUM	LA	03/10/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0027
HYDROCARBON RECYCLERS, INC.	OK	05/14/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	OK-0014
INDEPENDENT REFIN.	TX	09/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0021
KOCH REFINING CO.	MN	08/18/81	MINNESOTA PCA	AHTO NIEMIOJA	(612)-296-7718	MN-0008
KOCH REFINING CO.	MN	01/25/83	MINNESOTA PCA	AHTO NIEMIOJA	(612)-296-7718	MN-0008A
LONGVIEW REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0029
MAPCO PETROLEUM	AK	02/19/85	ALASKA DEC	DAVE ESTES	(907)465-2666	AK-0011
MARATHON OIL CO.	IL	09/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0007
MARATHON OIL CO.	TX	03/03/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0065
NATIONAL COOP. REFIN. ASSOC.	KS	07/17/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0008

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NEDERLAND PROCESSING CO.	TX	10/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0060
PETRACO VALLEY OIL & REFINING CO.	TX	10/15/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0073
PHILLIPS PETROLEUM CO.	TX	10/15/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0052
PROCESS REFINERY CO.	CA	09/19/79	EPA REGION IX	MATT HABER	(415)-974-8058	CA-0013
PROVIDENT ENERGY CO.	AZ	03/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	AZ-0001
SABER REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0041
SIGMORE REFIN. CO.	TX	12/10/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0039
SOHIO ALASKA PETROLEUM CORP.	AK	10/25/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0009
SOUTHERN UNION REFIN.	NM	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	NM-0004
STANDARD OIL	OH	03/08/82	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0038
SUNOCO	PA	03/20/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0001
TENNECO	LA	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0022
TESORO ALASKA PETROLEUM CO.	AK	06/15/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0007
TEXACO, INC.	LA	11/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0007
TEXACO, INC.	LA	04/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0024
TEXACO, INC.	TX	06/20/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0064
TOSCO CORP.	CA	06/18/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0007
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	CA-0046A
UNI OIL	TX	03/12/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0061
UNION OIL	IL	06/09/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0028
(86)UNION OIL CO.	CA	03/03/86	EPA REGION 9	ROBERT BAKER	(415)-974-8923	CA-0133
U.S. OIL & REFINING CO.	WA	02/06/85	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0009A
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0029
SOURCE TYPE -- 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
(86)BERRY HOLDING CO.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0113
CHEVRON USA LUBE OIL	CA	04/08/82	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	CA-0045A
GARY WESTERN REFIN.	CO	06/24/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0008
HAMPTON ROADS ENERGY CO.	VA	01/25/80	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0005
HESS OIL - VIRGIN ISLANDS	VI	02/09/82	EPA REGION II	ED NOWAK	(212)-264-8690	VI-0002
HILL PETROLEUM CO.	LA	10/09/80	EPA REGION VI	JOE WINKLER	(214)-767-2600	LA-0031
MIAMI VALLEY REFIN. CO.	IN	01/07/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0009

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MITCHELL ENERGY	TX	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0050
PLACID REFINING CO.	LA	01/17/85	LAQD/EPA REGION VI	INEZ FRICK	(504)-342-8940	LA-0051
SOUND REFINING, INC.	WA	10/17/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0010
SOUND REFINING, INC.	WA	10/17/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0010A
(86)SUN OIL CO.	CA	10/15/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0114
SUNLAND REFIN. CORP.	CA	09/22/80	EPA REGION IX	DAVID SOLOMON	(415)-454-8066	CA-0003
SWANN OIL CO.	VA	03/30/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0002
TENNECO OIL CO.	LA	11/21/84	LAQD/EPA REGION VI	ATLY BRASHER	(504)-342-8940	LA-0022A
VIRGIN ISLANDS REFINERY CORP.	VI	09/04/81	EPA REGION II	ED NOWAK	(212)-264-8690	VI-0001
SOURCE TYPE -- 5.7 BULK TERMINALS						
AMOCO OIL CO., GRANVILLE	WI	06/23/80	WISCONSIN DNR	ELIZABETH SPAETH	(414)-257-4929	WI-0005
ASHLAND PETROLEUM CO.	KY	04/01/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0019
BAYTANK INC., HOUSTON	TX	02/12/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0108
SOURCE TYPE -- 5.8 BULK PLANTS						
TIME OIL CO.	CA	12/23/80	BAY AREA AQMD	KELLY WEE	(415)-771-6000	CA-0051
SOURCE TYPE -- 5.9 STORAGE OF PETROLEUM LIQUIDS						
(86)ELK HILLS NAVAL PETROLEUM RESERVE #1	CA	04/26/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0156
KERN OIL & REFINING CO.	CA	06/18/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0081
MCKESSON CHEMICAL CO.	OK	10/01/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0011
QUEEN CITY TERMINALS	OH	05/19/82	SOUTHWEST OHIO APCA	HARRY SCHWIETERING	(513)-251-8777	OH-0066
(86)SUN EXPLORATION & PRODUCTION	CA	05/08/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0157
SOURCE TYPE -- 5.11 TRANSPORT & MARKETING - PETROLEUM PRODUCTS						

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COLUMBIA GAS TRANSMISSION CORP.	OH	04/13/81	OHIO EPA CD	GEORGE DEMIS	(614)-864-3195	OH-0024
CRYSEN REFINING, WESTERN DIV.	UT	11/12/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0027
DEPT OF THE NAVY	TX	09/15/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0099
NORTHERN ALASKAN PIPELINE	AK	02/23/81	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0002
NORTHERN TIER	AK	09/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	AK-0001
SOURCE TYPE -- 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
AMERADA HESS	TX	05/14/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0017
AMOCO PRODUCTION CO.	ND	01/12/83	NORTH DAKOTA SHD	GARY HELBLING	(701)-224-2348	ND-0003
AMOCO PRODUCTION CO.	WY	12/20/79	WYOMING AQD	BERNIE DAILEY	(307)-777-7391	WY-0008
ATW COMPANY	MI	04/28/83	MICHIGAN DNR	LAURA OTWELL	(517)-322-1333	MI-0032
BASS ENTERPRISES PRODUCTION CO.	TX	08/24/84	TEXAS ACB	I.L. BILSKY	(512)-451-5711	TX-0154
CHAMPLIN PETROLEUM CO.	TX	01/11/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0069
CHAMPLIN PETROLEUM CO.	WY	11/08/83	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0005
CHEVRON USA, INC.	WY	05/28/80	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0009
CIG	WY	08/25/76	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0011
CRYSTAL EXPLORATION CO.	MI	11/30/82	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0029
CRYSTAL OIL CO.	LA	10/19/83	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0046
DELHI GAS PIPELINE CORP.	TX	04/29/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0096
ENDERCO	AR	02/23/83	ARKANSAS DEP	CECIL HARRELL	(501)-562-7444	AR-0011
ETEXAS PRODUCERS GAS CO.	TX	10/05/82	TEXAS ACB	JENNIFER SEINFELD	(512)-451-5711	TX-0123
EXXON CO., USA	TX	02/09/82	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0031
EXXON CO., USA	WY	05/22/84	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0014
LIQUID ENERGY CORP.	NM	12/10/81	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0008
LIQUID ENERGY CORP.	TX	02/11/85	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0128A
MAFCO PRODUCTION CO.	NM	01/14/83	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	NM-0007
MARATHON OIL CO.	WY	01/20/83	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0002
MOUNTAIN FUEL SUPPLY	WY	08/01/78	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	WY-0010
PACIFIC ALASKA LNG ASSOCIATES	AK	01/30/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	AK-0006
PHILADELPHIA GAS WORKS	PA	05/15/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0002
PHILLIPS PETROLEUM CO.	ND	10/25/82	NORTH DAKOTA SHD	GARY HELBING	(701)-224-2348	ND-0002
PHILLIPS PETROLEUM CO.	NM	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	NM-0003

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PHILLIPS PETROLEUM CO.	TX	01/30/80	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0045
PIONEER GAS PRODUCTS CO.	TX	09/11/84	TEXAS ACB	E. KASPRZYK	(512)-451-5711	TX-0155
PLACID OIL CO.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056
PLACID OIL CO.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056A
PROCESS EQUIPMENT CORP.	LA	09/07/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0056B
REPUBLIC REFINING CO.	MI	03/23/82	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0027
SHELL OIL CO.	MS	08/03/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0004
SID RICHARDSON CARBON & GASOLINE CO.	MI	04/19/83	MICHIGAN DNR	LAURA STEINBERGER	(517)-322-1333	MI-0031
UNION TEXAS PETROLEUM CORP.	TX	01/14/81	TEXAS ACB	LES MONTGOMERY	(512)-451-5711	TX-0094
WARREN PETROLEUM CO.	TX	01/25/85	TEXAS ACB	KAREN HORNE	(512)-451-5711	TX-0163
WARREN PETROLEUM CO.	CA	04/10/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0068A
WARREN PETROLEUM CO.	NM	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	NM-0005
WARREN RED. CO.	ND	01/12/83	NORTH DAKOTA SHD	TERRY O'CLAIR	(701)-224-2348	ND-0001
	CA	10/19/83	KERN COUNTY APCD	IVAN NEO	(805)-861-3682	CA-0068
SOURCE TYPE -- 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING						
KERNRIDGE OIL CO.	CA	04/14/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0009
R.A. CHILDS	UT	10/08/82	UTAH BAQ	DON ROBINSON	(801)-533-6108	UT-0030
US OIL & REFINING CO.	WA	08/15/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0009
SOURCE TYPE -- 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
AMINOIL USA, INC.	CA	08/04/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0035
BEREY HOLDING CO.	CA	02/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0008
CHEVRON USA, INC.	CA	07/16/82	EPA REGION IX	BOB BAKER	(415)-974-8215	CA-0037
EXXON CO	MS	03/04/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0001
GEOKINETICS INC., OIL SHALE	UT	11/13/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0007
GETTY OIL CO.	CA	05/09/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0080
MOBIL OIL CORP.	CA	09/01/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0100
MOBIL OIL CORP.	CA	09/01/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0108
MOBIL OIL EXPLORATION	AL	10/16/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0010

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OXY-LOGAN WASH MODIF.1980	CO	06/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0009
PARAHO DEVELOPMENT CORP.	UT	11/16/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0024
RIO BLANCO OIL SHALE-#1	CO	12/20/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0013
TEXAS TAR SANDS, LTD	TX	06/24/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0085
TOSCO OIL SHALE-1981	UT	12/09/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0020
UNION OIL SHALE #1	CO	05/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	CO-0014
WHITE RIVER SHALE OIL CORP.	UT	08/04/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	UT-0025
SOURCE TYPE -- 5.15 OIL AND GAS FIELD SERVICE						
DRLGMUD CO.	TX	12/22/81	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0116
NORTH BELRIDGE DEHY FACILITY	CA	05/25/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0078
SHELL CALIFORNIA PRODUCTION, INC.	CA	10/05/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0078A
SIGMOR PIPELINE CO.	TX	04/27/78	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0088
SOUTHWESTERN BARGE FLEET SERVICE, INC.	TX	01/10/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0164
UNITED GAS PIPE LINE CO.	TX	05/07/80	TEXAS ACB	JIM CARAWAY	(512)-451-5711	TX-0084
SOURCE TYPE -- 5.16 PETROLEUM INDUSTRY -- OTHER						
BEAR CREEK STORAGE	LA	09/22/79	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0023
CHEVRON USA, INC.	CA	11/21/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0087
CHEVRON USA, INC.	UT	07/08/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	UT-0028
COLORADO INTERSTATE GAS	OK	02/26/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	OK-0006
(86)E.I. DUPONT DE NEMOURS & CO., INC.	TX	03/20/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0170
(86)GETTY SYNTHETIC FUELS, INC.	OH		SOUTHWEST OHIO APCA	DEBORAH ASHWORTH	(513)-251-8777	OH-0077
HOUSTON PIPE LINE CO.	TX	04/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0076
NECHES BUTANE PRODUCTS CO.	TX	01/14/85	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0165
OASIS PIPELINE CO.	TX	10/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0038
ODESSA NATURAL CORP.	TX	03/02/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0028
PANHANDLE EAST. PIPE LINE CO.	OK	05/29/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0008
PANHANDLE EAST. PIPE LINE CO.	OK	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0009
PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0042

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PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0044
PANHANDLE EAST. PIPE LINE CO.	TX	02/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0043
PETRO-LEWIS CORP.	CA	02/23/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0058
(86)PETRO-LEWIS CORP.	CA	10/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0116
(86)PETRO-LEWIS CORP.	CA	10/29/85	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0116A
REFINERY WASTE GAS RECOVERY	CA	03/19/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0065
SHELL OIL CO.	MS	09/17/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0002
SOUTHERN NAT. GAS	LA	09/11/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	LA-0009
SOUTHERN NAT. GAS	LA	07/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0021
SUN GAS CO.	TX	02/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0026
TEXACO, INC.	LA	07/30/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0012
TEXACO, INC.	LA	07/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0013
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0033
TRUNKLINE LNG CO.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0040
UNITED GAS PIPE LINE CO.	LA	04/25/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0047
UNITED PIPE LINE CO.	LA	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0039
	TX	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0070
SOURCE TYPE -- 6.1 ACRYLONITRILE PLANT						
DOW CHEMICAL, USA	WY	09/06/83	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0006
SOHIO CHEMICAL CO.	TX	06/04/84	TEXAS ACB	K. NEUMANN	(512)-451-5711	TX-0153
SOURCE TYPE -- 6.3 ACRYLIC ACID PLANT						
BADISCHE CORP.	TX	08/05/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0047
BADISCHE CORP.	TX	03/31/84	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0047A
SOURCE TYPE -- 6.5 ACROLEIN						
UNIROYAL CHEMICAL CO.	LA	02/26/85	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0028A

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SOURCE TYPE -- 6.9 ALKYLBENZENE						
CONOCO, INC.	LA	10/08/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0020
SOURCE TYPE -- 6.11 BUTADIENE						
GOODYEAR TIRE & RUBBER CO.	TX	01/10/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0166
SOURCE TYPE -- 6.12 CARBON BLACK						
ASHLAND CHEMICAL CO.	LA	06/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0025
ASHLAND CHEMICAL CO.	TX	06/02/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0036
CONTINENTAL CARBON CO.	TX	09/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0035
GREAT LAKES CARBON	AR	12/21/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	AR-0006
PHILLIPS PETROLEUM CO.	OK	01/04/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	OK-0010
SOURCE TYPE -- 6.13 CHARCOAL						
BIG SANDY WOOD IND.	TX	09/03/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	TX-0106
SOURCE TYPE -- 6.14 CHLOROALKALI						
DIAMOND SHAMROCK CORP.	TX	06/20/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0075
SOURCE TYPE -- 6.15 CHLOROBENZENE						
BOFORS NOBEL, INC.	MI	02/25/82	MICHIGAN DNR	DANITA BRANDT	(517)-322-1333	MI-0028

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SOURCE TYPE -- 6.24 ETHYLENE AND POLYETHYLENE						
E.I. DUPONT DE NEMOURS	TX	12/27/82	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0121
GULF OIL CHEMICALS	TX	08/17/81	EPA REGION VI	RAGAN BROYLES	(214)-767-1594	TX-0016
TEXAS EASTMAN CO.	TX	05/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0077
TEX-USS	TX	04/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0037
SOURCE TYPE -- 6.27 ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0083
SOURCE TYPE -- 6.31 FLUOROCARBONS						
DUPONT	MI	07/15/80	MICHIGAN DNR	DANITA BRANDT	(517)-302-1333	MI-0010
SOURCE TYPE -- 6.32 FORMALDEHYDE						
EXXON CHEMICAL AMERICAS	TX	09/16/82	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0098
GEORGIA-PACIFIC CORP.	NC	01/17/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0008
INTERNAT. MINERALS & CHEMICAL CORP.	PA	09/12/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0024
SOURCE TYPE -- 6.36 MALEIC ANHYDRIDE						
MONSANTO CO.	FL	03/26/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0023
SOURCE TYPE -- 6.37 METHANOL						

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DOW CORNING CORP.	KY	10/16/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0031
GETTY METHANOL CORP.	DE	10/10/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0001
SOURCE TYPE -- 6.42 PAINT & VARNISH						
SUN CHEMICAL CORP.	MI	08/24/82	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	MI-0030
SOURCE TYPE -- 6.43 PHARMACEUTICAL						
CHEESEBOROUGH PONDS, INC.	NY	03/10/83	NEW YORK DEC	DALE VOLLMER	(315)-428-4484	NY-0011
ELI LILLY	IN	08/04/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0002
MEAD JOHNSON & CO.	IN	03/12/82	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0020
SOURCE TYPE -- 6.45 PHTHALIC ANHYDRIDE						
ASHLAND CHEMICAL CO.	WV	10/07/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0002
KOPPERS	IL	01/12/84	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0029
SOURCE TYPE -- 6.46 PROPYLENE OXIDE						
ARCO CHEMICAL CO.	TX	02/09/84	TEXAS ACB	PETE ROBERTS	(512)-451-5711	TX-0146
SOURCE TYPE -- 6.52 SULFUR RECOVERY						
AMOCO PRODUCTION CO.	TX	10/16/79	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0095
(86)BURZA INTERNATIONAL, LTD.	TX	07/31/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0173
SPONGE, INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0027
TEXACO, INC. - PUGET SOUND REFINERY	WA	02/25/81	NORTHWEST APA	GLEN HALLMAN	(206)-336-5705	WA-0005

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SOURCE TYPE -- 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS, INC.	KY	02/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0013
ASHLAND SYNTHETIC FUELS, INC.	KY	12/17/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0023
DEPT OF WATER RESOURCES	CA	06/15/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0005
DOW CHEMICAL, INC., LOUISIANA DIV.	LA	10/13/83	LAQD/EPA REGION VI	JAY GUPTA	(504)-342-8940	LA-0011B
PACIFIC GAS & ELECTRIC CO.	CA	01/08/80	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0015
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	05/21/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0015A
SACRAMENTO MUNICIPAL UTILITIES DIST.	CA	05/05/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0012
SOURCE TYPE -- 6.54 SYNTHETIC FIBERS						
ALLIED CORP.	NC	08/13/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0034
CELANESE, AMCELLE PLANT	MD	04/03/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0001
E.I. DUPONT	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0011
E.I. DUPONT	SC	09/09/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0002
GLOBE MANUFACTURING CO.	NC	02/01/83	NORTH CAROLINA DEM	MIKE SEWELL	(918)-733-7015	NC-0028
GLOBE MANUFACTURING CO.	NC	06/26/84	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0028A
SPARTAN MILLS	GA	06/13/83	GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0016
SPARTAN MILLS	GA		GEORGIA EPD	PAUL IZANT	(404)-656-4867	GA-0016A
SOURCE TYPE -- 6.55 SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	GA	11/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0003
FIRESTONE TIRE CO.	GA	11/13/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0003A
FIRESTONE TIRE CO.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0009
SOURCE TYPE -- 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
B.F. GOODRICH CHEM. GROUP	NJ	07/25/80	EPA REGION II	LARRY KARAS	(212)-264-9538	NJ-0005

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B.F. GOODRICH CHEM. GROUP	NJ	10/06/82	EPA REGION II	PETER FLYNN	(609)-264-2611	NJ-0005A
B.F. GOODRICH CO.	KY	02/06/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0014
B.F. GOODRICH CO.	KY	05/27/82	KENTUCKY EPA	BILL DILLS	(502)-564-3382	KY-0021
FORMOSA PLASTICS	TX	11/18/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0048
SHINTECH, INC.	TX	01/05/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	TX-0079A
SHINTECH, INC.	TX	03/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0079
SOURCE TYPE -- 6.61 ALCOHOL FUEL PRODUCTION						
ADC-I, LIMITED	NE	09/22/83	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0006
AGRIFUELS REFINING CORP.	LA	11/11/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0050
AM. MODERN FOOD ENERGY SYS	IA	04/15/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0003
ARCHER DANIELS MIDLAND	IL	05/28/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0020
CIRCLE ENERGIES CORP.	NE	01/22/85	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0007
CONSOLIDATED ENERGY GROUP, LTD.	IA	11/13/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	IA-0005
KENTUCKY AGRICULTURAL ENERGY CORP.	KY	09/13/84	KENTUCKY DAPC	ROGER COOK	(502)-564-3382	KY-0042
MAPEE ALCOHOL FUEL, INC.	TX	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0024
MIDWEST SOLVENTS	IL	03/17/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0026
NEBRASKA ALCOHOL FUEL CORP.	NE	09/21/82	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	NE-0005
NEW ENERGY CORP.	IN	12/03/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0001
NEW ENGLAND ETHANOL, INC.	ME	08/10/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0006
PEAT METHANOL ASSOCIATES	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0024
ROCK ISLAND LIQUID FUELS, INC.	IL	02/01/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0009
SOURCE TYPE -- 6.62 OTHER CHEMICAL						
ADVANCE RESEARCH CHEMICALS, INC.	OK	03/14/84	TULSA CITY-COUNTY *	J. VAN SANDT	(918)-744-1000	OK-0020
AEROJET STRATEGIC PROPULSION	CA	04/01/83	SACRAMENTO APCD	ROBERT KNIGHT	(916)-366-2107	CA-0072
AIR PRODUCTS & CHEMICALS, INC.	LA	07/20/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0049
AIR PRODUCTS & CHEMICALS, INC.	LA	07/20/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	LA-0052
AIRCO CARBIDE, DIV. OF AIRCO, INC.	KY	09/06/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0022
AIRCO SPEER	PA	05/20/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0009

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AIRCO SPEER	PA	08/15/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0008
AIRCO SPEER CARBON GRAPHITE	LA	06/05/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0016
(86)AKZO CHEMIE AMERICA	TX	08/19/85	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	TX-0174
ALLIED CHEMICAL CORP.	LA	11/21/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0035
AMERICAN CHROME & CHEMICAL, INC.	TX	12/29/82	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0122
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	TX-0083A
ARKANSAS EASTMAN	AR	03/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0002
BASF WYANDOTTE CO.	LA	03/27/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	LA-0014
BOFORS NOBEL, INC.	MI	01/15/85	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1330	MI-0028A
B.F. GOODRICH CHEM. GROUP	KY	02/28/80	KENTUCKY DAPC	JOHN MCCARTHY	(502)-587-3327	KY-0012
B.F. GOODRICH CHEM. GROUP	LA	11/24/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	LA-0015
B.F. GOODRICH CO.	OH	11/30/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	OH-0023
(86)B.F. GOODRICH CO., CHEMICAL DIV.	KY	02/15/80	JEFFERSON COUNTY A*	MICHAEL DEBUSSCHERE	(502)-584-8151	KY-0012A
CONOCO CHEMICAL CO.	TX	10/01/82	TEXAS ACB	ED KASPRZYK	(512)-451-5711	TX-0107
DIAMOND SHAMROCK CORP.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0004
DOW CHEMICAL	TX	10/01/82	TEXAS ACB	L. ROBERTS	(512)-451-5711	TX-0105
DOW CHEMICAL CO.	LA	08/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0011
EMERY INDUSTRIES	OH	10/23/80	SW OHIO APC	JIM BAIRET	(513)-251-8777	OH-0013
ESK CORP.	IL	12/07/78	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0004
EXXON CHEMICAL	LA	05/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0034
(86)EXXON CHEMICAL AMERICAS	TX	08/30/85	TEXAS ACB	STUART KEIL	(512)-451-5711	TX-0175
E.I. DUPONT DE NEMOURS	OH	12/08/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0005
E.I. DUPONT DE NEMOURS	TX	04/28/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0027
FERRO CHEMICAL DIV OF FERRO CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0025
HCC CHEMICAL CO.	LA	11/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0018
HIMONT USA, INC.	TX	02/11/85	TEXAS ACB	AMBA MANN	(512)-451-5711	TX-0160
ICI AMERICAS, INC.	VA	07/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0016
LITHIUM CORP. OF AMERICA	NC	02/12/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0023
LITHIUM CORP. OF AMERICA	NC	01/23/85	NORTH CAROLINA DEM		(919)-733-7015	NC-0023A
MALLINCKRODT, INC	MO	06/17/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	MO-0005
MALLINCKRODT, INC.	NC	04/19/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0030
MARATHON OIL CO.	WY	11/21/83	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0007
MERCK & CO., KEKO DIVISION	CA	11/20/81	EPA REGION IX	RICK SUGAREK	(415)-974-8224	CA-0036
MEREDITH/BURDA, INC.	NC	07/08/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0010

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
MOLY CORP., INC.	PA	03/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0018
MONSANTO CO.	IA	11/12/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0010
MONSANTO CO.	TX	08/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0059
M&T CHEMICALS, INC.	KY	03/07/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0005
PHTHALEHEM, INC.	OH	10/11/84	SOUTHWEST OHIO APCA	FRANK STOY	(513)-251-8777	OH-0067
PLAINS ELECT. GEN & TRANS	NM	12/29/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	NM-0001
PPG INDUSTRIES, INC.	WV	10/08/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0003
PROCTOR CHEMICAL CO.	NC	02/02/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0029
PROCTOR & GAMBLE	GA	09/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0002
SHELL CHEMICAL CO.	LA	03/07/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0030
SMITH KLINE CORP.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0023
TENNESSEE EASTMAN CO.	TN	06/05/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0001
TENNESSEE EASTMAN CO.	TN	07/02/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0007
UNION CARBIDE	GA	02/10/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0005
UNIROYAL CHEMICAL CO.	LA	09/26/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0028
U.S. BORAX & CHEMICAL CORP.	CA		EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	CA-0031
VELSICOL CHEMICAL CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	TN-0016
VULCAN CHEMICALS CO.	LA	10/31/84	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0055
WITCO CHEMICAL CORP.	TX	02/11/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0161
3M CO., CHEMOLITE	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0004
SOURCE TYPE -- 7.3 FEED/GRAIN MILLS AND ELEVATORS						
ALLEN PRODUCTS CO., INC.	PA	09/04/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0012
BROOKPORT BARGE POINT,INC	IL	04/03/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0012
BUNGE CORP.	MN	01/08/82	MINNESOTA PCA	GEORGE VASILAKES	(612)-296-7267	MN-0003
CARGILL, INC.	OH	01/19/78	RAPCA - DAYTON,OH	AMY WRIGHT	(513)-225-4435	OH-0011
CARGILL, INC.	VA	06/04/84	VIRGINIA APCB	JAMES LEHAN	(804)-786-1433	VA-0027
CENTRAL SOYA CO., INC.	WA	03/20/81	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0012
INTERSTATE GRAIN CORP.	TN	09/26/83	CHATTANOOGA-HAMILT*	HARVEY RICE	(615)-867-4321	TN-0019
MAXIM FARMS	TX	07/27/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	TX-0138
MONTE CHRISTO GRAIN CO.	TX	01/12/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	TX-0112
	TX	12/07/82	TEXAS ACB	RALPH BOWLER	(512)-451-5711	TX-0118

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SOURCE TYPE -- 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	CA	02/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	CA-0010
ANHEUSER-BUSCH, INC.	TX		EPA REGION VI	RAGAN BROYLES	(214)-767-1594	TX-0074
ANHEUSER-BUSCH, INC.	VA	06/16/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0007
COORS CO.	VA	03/19/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	VA-0004
(86)HUDEPOHL BREWING CO.	OH		SOUTHWEST OHIO APCA	HARRY SCHWIETERING	(513)-251-8777	OH-0083
PAUL MASSON VINEYARDS	CA	03/27/81	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	CA-0049
SCHREIER MALTING CO	WI	04/21/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0021
SOURCE TYPE -- 7.6 FERTILIZER PLANTS						
AGRICO CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0016
AGRICO CHEMICAL CO.	FL	01/21/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0019
CALIF. AMMONIA (CALAMCO)	CA	05/08/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0001
CHEVRON CO., USA	WY	06/13/84	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0015
CONSERV, INC.	FL	10/02/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0028
GARDINIER, INC.	FL	07/11/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0018
NEW WALES CHEMICALS, INC.	FL	06/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0027
OCCIDENTAL CHEMICAL CO.	FL	01/29/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0005
USS AGRI-CHEMICALS	FL	04/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0001
W R GRACE & CO	FL	04/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0008
WYCON CHEMICALS	WY	07/27/84	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	WY-0016
SOURCE TYPE -- 7.7 STARCH MANUFACTURING						
BROCK CANDY CO.	TN	11/15/83	CHATTANOOGA-HAMILT*	HARVEY RICE	(615)-867-4321	TN-0018
CORN PRODUCTS	IL	09/23/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0010

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SOURCE TYPE -- 7.8 SUGAR CANE PROCESSING						
ATLANTIC SUGAR ASSOC.	FL	10/06/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0011
OSCEOLA FARMS CO.	FL	10/28/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0012
SUGAR CANE GROWERS COOP.	FL	05/07/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0010
SOURCE TYPE -- 7.9 FATS/VEGETABLE OILS						
A.E. STALEY	IL	11/14/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0027
GOLD KIST INC., GOLD KIST SOY PLANT	GA	12/09/81	GEORGIA EPD	SUE MCFATHER	(404)-656-4867	GA-0010
OWENSBORO GRAIN CO.	KY	08/24/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0038
QUINCY SOYBEAN	IL	08/18/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0024
SOURCE TYPE -- 7.11 FRUITS/VEGETABLES PROCESSING						
A.E. STALEY MFG. CO.	IA	07/30/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	IA-0004
SNACK FOODS PLANT	CA	10/01/83	KERN COUNTY APCD	THOMAS PAXSON	(805)-861-3682	CA-0061
STANISLAUS FOOD PRODUCT CO.	CA	03/08/84	STANISLAUS COUNTY *	MARK BOESE	(209)-571-6908	CA-0097
SOURCE TYPE -- 7.12 OTHER FOOD & AGRICULTURAL						
A.E. STALEY MFG. CO.	PA	05/27/82	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0026
BLACKWELL LAND CO., INC.	CA	12/26/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0088
BOONE VALLY COOP.	IA	08/28/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	IA-0008
(86)CALIFORNIA ALMOND GROWERS EXCHANGE	CA	01/24/86	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0131
CAMPBELL SOUP CO.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0012
CAMPBELL SOUP CO.	OH	03/20/81	OHIO EPA NWD	SAMIR ARAJ	(419)-352-8461	OH-0034
CARGILL, INC.	SC	02/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0004
CENTRAL SOYA CO., INC.	OH	08/09/79	OHIO EPA NWD	SAMIR ARAJ	(419)-352-8461	OH-0037
CONTINENTIAL GRAIN CO.	AL	04/27/84	ALABAMA DEM	SUE ROBERTSON	(205)-271-7861	AL-0025
(86)CUSTOM SEED CO.	TX	08/19/85	TEXAS ACB	JOHN ARGUBRIGHT	(512)-451-5711	TX-0176

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FRITO-LAY	CA	11/09/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0085
(86)FRITO-LAY, INC.	GA	01/24/86	GEORGIA EPD	CURT CHURCHILL	(404)-656-4867	GA-0018
GENERAL FOODS CORP.	DE	12/23/82	DELEWARE DNR	HUGH MENGHI	(302)-736-4791	DE-0005
GRIFFIN INDUSTRIES	IN		INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	IN-0007
HTC INDUSTRIES	TX	11/30/81	TEXAS ACB	GARY WALLIN	(512)-451-5711	TX-0093
(86)J. G. BOSWELL CO.	CA	02/05/85	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	CA-0142
KERN PISTACHIO COOP.	CA	07/25/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0082
KNAPPEN VYLACTOS MOLASSES	MN	10/07/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0005
LAND O'LAKES INC.	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	MN-0001
PACIFIC ADHESIVES COMPANY OF TEXAS	TX	09/02/82	TEXAS ACB	GARY WALLIN	(512)-451-5711	TX-0097
PRODUCERS COTTON OIL CO.	CA	06/20/80	FRESNO COUNTY APCD	WILLIAM RODDY	(209)-445-3239	CA-0041
RALSTON PURINA, VAN CAMP SEAFOOD DIV.	AS	06/06/83	EPA REGION IX	MATT HABER	(415)-974-8209	AS-0001
R. J. REYNOLDS	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	NC-0027
R. J. REYNOLDS TOBACCO CO.	NC	03/09/79	FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	NC-0025
SALYER GRAIN & MILLING CO.	CA	07/20/83	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	CA-0076
ZALOOM BROTHERS, INC.	CA	01/24/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-8682	CA-0075
SOURCE TYPE -- 8.1 PRIMARY ALUMINUM PRODUCTION						
ALCOA	NC	05/20/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0003
ALCOA	WA	02/12/82	EPA REGION X	PAUL BOYS	(206)-442-1106	WA-0003
ALUMAX PACIFIC CORP.	OR	01/20/83	OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	OR-0002
ARCO ALUMINUM	KY	04/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0017
ARCO METALS CO.	KY	04/19/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0041
COASTAL ALUMINUM	SC	11/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0012
(86)GRANITE CONSTRUCTION CO.	CA	03/16/86	TOM PAXSON	KERN COUNTY APCD	(805)-861-3682	CA-0091A
(86)PECKHAM MATERIALS CORP.	CT	05/24/85	CONNECTICUT DEP	ALFRED CONKLIN	(203)-566-8230	CT-0003
SOURCE TYPE -- 8.2 COKE PRODUCTION						
AIRCO CARBIDE (DIV OF AIRCO, INC.)	KY	08/12/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0002
BETHLEHEM STEEL CORP.	MD	08/06/79	EPA REGION III	ED VOLLBERG	(215)-597-8179	MD-0006

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GRANITE CITY STEEL	IL	06/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0014
GRANITE CITY STEEL	IL	10/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0015
INLAND STEEL CO.	IN	09/22/80	INDIANA APCD	TERRY HOYA	(317)-633-0664	IN-0012
MARTIN MARIETTA CORP.	CA	12/11/80	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	CA-0023
PENNSYLVANIA COKE TECHNOLOGY, INC.	WV	08/06/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0004
REPUBLIC STEEL CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0040
REYNOLDS METALS CO.	LA	11/02/83	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	LA-0048
SOURCE TYPE -- 8.3 PRIMARY COPPER SMELTING						
ASARCO, INC.	WA		PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	WA-0011
SOURCE TYPE -- 8.4 FERROALLOY PRODUCTION						
CABOT CORP.	IN	12/05/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	IN-0011
SOURCE TYPE -- 8.5 IRON & STEEL PRODUCTION						
ARMCO STEEL CORP.	MD	12/12/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0009
(86)ARMCO, INC.	OH	07/31/85	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	OH-0078
BAYOU STEEL	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0036
BETHLEHEM STEEL CORP.	PA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0017
CAMERON IRON WORKS	TX	10/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0072
CHAPANAL STEEL CO.	TX	01/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0053
FLORIDA STEEL CORP.	FL	01/03/83	FLORIDA DER	BRUCE MITCHELL	(904)-488-1344	FL-0031
FLORIDA STEEL CORP.	TN		TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0011
JONES & LAUGHLIN STEEL CORP.	OH	01/17/84	CLEVELAND DAPC	IKE HABIB	(216)-666-3508	OH-0052
KENTUCKY ELECTRIC STEEL CO.	KY	09/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0028
LUFKIN INDUSTRIES, INC.	TX	05/26/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	TX-0023
ROANOKE ELECT. STEEL CO.	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0008
STD SLAG CO., REPUB. STEEL CORP., #6 BL*	OH	08/19/82	CLEVELAND DAPC	DANIEL NORTON	(216)-664-3508	OH-0042

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TIMKEN CO.	OH	12/21/81	CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	OH-0022
U.S. STEEL/DUQUESNE WORKS	PA	07/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0006
YORK-HANNOVER SEAMLESS TUBES, INC.	AR	10/01/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0012
YOUNGSTOWN STEEL CORP.	OH		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0021
SOURCE TYPE -- 8.8 SECONDARY ALUMINUM						
ALRECO METALS CO.	MI	09/15/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0002
ALUMINUM CO. OF AMERICA	OH		CLEVELAND DAPC	RUDY ZUPAN	(216)-664-3508	OH-0046
BARMET OF KENTUCKY, INC.	KY	02/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0029
CONSOLIDATED ALUMINUM CORP.	TN	06/05/81	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0013
GMC, CENTRAL FOUNDRY DIV	IN	04/28/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0015
GREATER TENNESSEE METALS, INC.	TN	10/03/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0010
GULF COAST CHEMICALS, INC.	TX	11/24/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0115
KAISER ALUMINUM & CHEMICAL CORP.	IN	11/07/80	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0021
MARTIN MARIETTA OF KENTUCKY	KY	05/18/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0040A
MARTIN MARIETTA OF KENTUCKY	KY	08/17/77	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0040
METAL RESOURCES, INC.	TN	06/25/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	TN-0009
REPLACEMENT CORES	OH		CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	OH-0068
WILMER PROCESSING DIV.	WI		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0010
SOURCE TYPE -- 8.11 GRAY IRON FOUNDARIES						
AMERICAN MANUFACTURING CO. OF TEXAS	TX	03/08/83	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0142
BRILLION IRON WORKS	WI	08/03/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0007
CYCLONE IRON FOUNDRIES	TX	07/16/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0090
DANA CORP.	IN	05/11/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0017
FORD MOTOR CO., CASTING DIV.	OH	10/06/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0051A
FORD MOTOR CO., CLEVELAND CASTING PLANT	OH	12/07/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0051
(86)GMC-CENTRAL FOUNDRY DIV., SAGINAW GREY *	MI	03/15/86	MICHIGAN DNR	DAVID YANOCHKO	(517)-373-7023	MI-0042
LULING IRON FOUNDRY	TX	01/11/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0056
LYNCHBURG FOUNDRY	VA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0014

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TYLER PIPE INDUSTRIES, INC.	TX	04/03/84	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0147
UNIVERSAL FOUNDRY CO.	WI	06/20/80	WISCONSIN DNR	DAN SCHRAMM	(414)-497-4044	WI-0013
VERMONT CASTINGS	VT	12/23/81	VERMONT AEC	LARRY MILLER	(802)-828-3395	VT-0001
WAUPACA FOUNDRY PLANT #2	WI	01/20/81	WISCONSIN DNR	DALE ZIEGE	(608)-866-0113	WI-0012
W-K-M VALVE DIV. OF ACF INDUSTRIES	TX	02/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0078
SOURCE TYPE -- 8.12 SECONDARY LEAD SMELTING						
HAMMOND LEAD PROD., HALSTAB DIV	IN	11/25/81	HAMMOND APC	RAFIU DANIA	(219)-853-6306	IN-0006
P.B. CO.	IN	07/03/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	IN-0016
SOURCE TYPE -- 8.13 SECONDARY MAGNESIUM SMELTING						
ALLIED CHEMICAL CORP.	DE	11/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	DE-0002
SOURCE TYPE -- 8.14 STEEL FOUNDARIES						
ABEX CORP.	PA	07/20/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0014
INTERNAT. METALS RECLAMATION CO.	PA	10/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0013
K O STEEL CASTING, INC.	TX	10/03/78	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0089
STRUCTURAL METALS, INC.	TX	05/07/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	TX-0092
TEXAS ELECTRIC STEEL CASTING CO.	TX	09/28/82	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0110
SOURCE TYPE -- 8.16 STORAGE BATTERY PRODUCTION/RECLAMATION						
BULLDOG BATTERY	TX	11/08/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0111
HOUSTON SCRAP METAL CO.	TX	11/15/83	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0137
SOURCE TYPE -- 8.17 LEAD OXIDE AND PIGMENT PRODUCTION						

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DEGUSSA CHEM CORP.	AL	04/07/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0004
POWERLAB, INC.	TX	07/20/79	TEXAS ACB	JIM CARAWAY	(512)-451-5711	TX-0135
SOURCE TYPE -- 8.19 ORE CRUSHING AND GRINDING						
FMC CORP.	NV	01/04/85	NEVADA DEP	DICK SERDOZ	(702)-885-4670	NV-0009
NATIONAL STEEL PELLET CO.	MN	12/08/81	MINNESOTA PCA	JAMES KOLAR	(612)-296-7274	MN-0002
SOURCE TYPE -- 8.22 OTHER METALLURGICAL PROCESSES						
AIRCO CARBON	NY	04/30/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	NY-0009
ATLAS MINERALS	UT	12/03/80	UTAH BAQ	DON ROBINSON	(801)-533-6108	UT-0031
CUYAHOGA SMELTING & PROCESSING CO., INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0012
DAYTON WALTHER CORP.	KY	02/26/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0032
DOE FEED MATERIALS PRODUCTION FACILITY	OH	09/19/84	SOUTHWEST OHIO APCA	MARK HINES	(513)-251-8777	OH-0065
FUSION INC.	TX	10/01/82	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	TX-0109
LAKE SIDE SLAG	IL	12/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0016
LEVIN FIXTURE CORP.	TX	12/21/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0117
SMITH INTERNATIONAL, INC.	NV	03/24/82	CLARK COUNTY	MIKE NAYLOR	(702)-383-1276	NV-0006
SUPERIOR GRAPHITE	KY	11/05/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0034
TRINITY INDUSTRIES INC	TX	07/24/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0082
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031A
WISCONSIN CENTRIFUGAL, INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031B
WISCONSIN CENTRIFUGAL, INC.	WI	05/24/83	WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	WI-0031C
SOURCE TYPE -- 9.1 ASPHALT BATCHING PLANTS						
ALBANY	WI	08/01/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	WI-0019
ASPHALT PRODUCTS CORP.	SC	02/14/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0008

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(86)AUSTIN PAVING CO.	TX	04/02/85	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0172
BERKS PRODUCTS CORP.	PA	09/12/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0011
B.C.R. PAVING CO.	OH		PORTSMOUTH LAA	FRANK PHILLIPS	(614)-353-5153	OH-0050
B.R. AMON & SONS, INC.	WI	05/23/80	WISCONSIN DNR	MIKE DEBROCK	(715)-362-7616	WI-0018
E.E. MOORE PAVING, INC.	WV	06/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	WV-0010
E.J. BRENEMAN INC.	PA	07/16/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0015
FRANCIS O. DAY CO., INC.	MD	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	MD-0014
GENNARO ASPHALT CO.,INC	OH	07/08/81	OHIO EPA NED	TED DAVIS	(216)-425-9171	OH-0030
HIGHWAY PAVERS, INC.	WI	03/06/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	WI-0017
HORVITZ CO.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	OH-0028
INDIANHEAD BLACKTOP INC	WI	07/14/82	WISCONSIN DNR	KRIS MCKINNEY	(608)-267-7542	WI-0025
IVERSION CONSTRUCTION CO., PLATTEVILLE	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	WI-0016
J.F. CLECKLEY & CO.	SC	01/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0007
J.H. RUDOLPH & CO., INC.	IN	01/21/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0005
KEOHN SUPPLY CO.	TX	02/18/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0091
KOKOSING MATERIALS, INC	OH	02/05/82	OHIO EPA CD	JAY MCCOY	(614)-864-3195	OH-0032
L.A. REYNOLDS	NC	01/16/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0017
MATHY CONSTRUCTION CO.	WI	03/19/82	WISCONSIN DNR	DAN JOHNSTON	(605)-267-9500	WI-0023
MATHY CONSTRUCTION CO. PLANT #14	WI	03/01/81	WISCONSIN DNR	JOE ANCEL	(715)-423-5670	WI-0014
MILLCREEK TOWNSHIP	PA	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0005
MILLER ASPHALT PRODUCTS, INC.	MD	03/16/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0008
MORGANTOWN ASPHALT CO.	WV	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0007
M.A. LAYMAN & SONS	VA	07/16/79	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0012
PAYNE & DOLAN INC.	WI	07/07/82	WISCONSIN DNR	IMELDA STAMM	(608)-266-6876	WI-0024
PAYNE & DOLAN INC., WAUKESHA	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	WI-0015
PIONEER CONCRETE OF TEXAS, INC.	TX	01/29/85	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0167
REIN, SCHULTZ, & DAHL	WI	12/03/82	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500	WI-0027
RGK INDUSTRIES	NC	01/29/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0016
(86)RICHARDS & SON, INC.	OH	01/02/86	PORTSMOUTH LAA	FRANK PHILLIPS	(614)-353-5156	OH-0079
ROCKROAD OF WISCONSIN	WI	09/15/82	WISCONSIN DNR	KATHY CARTWRIGHT	(608)-266-0244	WI-0026
RODNEY RASMUSSEN CO.	UT	01/04/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0019
R.C. COLLET, INC.	CA	07/17/84	PLACER COUNTY APCD	D.W. DIXON	(916)-823-4443	CA-0094
STEELSTONE	ME	11/23/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0002
STEELSTONE INDUSTRIES, INC.	ME	06/08/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0007

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STORY ASPHALT-PAVING	AL	03/10/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0006
SUPERIOR SAND & ASPHALT CO.	WV	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	WV-0008
SYKESVILLE CONSTRUCTION CO., INC.	MD	04/03/79	EPA REGION III	ED VOLLBERG	(215)-597-8309	MD-0011
TDPS MATERIALS INC.	PA	03/05/84	PHILADELPHIA AMS	THOMAS ELLIOTT, JR.	(215)-686-7893	PA-0029
TRI-STATE ASPHALT CORP.	OH		OHIO EPA SED	FRED KLINGELHAFER	(614)-385-8501	OH-0031
WINDSOR SERVICES, INC.	PA	05/07/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0019
ZARLENGO BROS., INC.	PA	01/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0007
SOURCE TYPE -- 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS						
ACME BRICK CO.	TX	01/25/85	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0168
AMERICAN COLLOID	WY	04/16/84	WYOMING AQD	DAN FAUTH	(307)-332-3144	WY-0018
D. M. STEWARD CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	TN-0015
GEORGIA KAOLIN CO.	GA	05/18/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0007
INTERNATIONAL AMERICAN CERAMICS, INC.	OK	04/06/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0019
JOHNS BRICK & TILE CORP.	TX	12/21/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	TX-0120
KAISER REFRACTORIES, NATIVIDAD FAC.	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0025
MILCHEM	AR	08/07/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0004
SOURCE TYPE -- 9.3 REFRACTORIES						
JOHN MANSVILLE SALES CORP	TX	01/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0055
KAISER REFRACTORIES	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	CA-0026
SOURCE TYPE -- 9.4 PORTLAND CEMENT MANUFACTURING						
ALAMO CEMENT CO.	TX	10/13/83	TEXAS ACB	ROBERT MAUELL	(512)-451-5711	TX-0139
CALIF. PORTLAND CEMENT CO	CA	01/12/79	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0011
CREOLE CORP.	CA	05/20/80	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0006
DAL-TEX CEMENT	TX	09/03/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	TX-0100
DIXIE CEMENT CO.	TN	09/10/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0006

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FLORIDA CRUSHED STONE	FL	03/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0032
FLORIDA CRUSHED STONE	FL	03/27/84	FLORIDA DER	BOB KING	(904)-488-1344	FL-0032A
FLORIDA MINING & MATERIALS CORP.	FL	03/25/81	FLORIDA DER	JOHN SVEC	(904)-488-1344	FL-0024
IDEAL BASIC CEMENT	UT	05/28/82	UTAH DOH	CARL BROADHEAD	(801)-533-6108	UT-0026
KAISER CEMENT & GYPSUM CORP.	CA	12/26/78	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0019
LAS VEGAS PORTLAND CEMENT	NV	02/01/82	EPA REGION IX	BOB BAKER	(415)-974-8215	NV-0007
LONESTAR FLORIDA PENNSUCO, INC.	FL	03/19/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0015
LONESTAR FLORIDA PENNSUCO, INC.	FL	07/08/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0017
LONESTAR FLORIDA PENNSUCO, INC.	FL	12/28/84	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0017A
LONESTAR INDUSTRIES INC.	TX	02/19/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0058
LONESTAR INDUSTRIES INC.	WA	01/25/82	EPA REGION X	PAUL BOYS	(206)-442-1106	WA-0004
LONESTAR PORTLAND CEMENT	UT	01/16/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0014
MONOLITH PORTLAND CEMENT CO.	CA	12/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0028
NEVADA CEMENT CO.	NV	03/05/85	NEVADA DEP	DICK SERDOZ	(702)-885-4670	NV-0008
SOUTHWESTERN PORTLAND CEMENT CO.	TX	02/26/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0033
SOUTHWESTERN PORTLAND CEMENT CO.	TX	11/05/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	TX-0032
TEXAS CEMENT CO.	TX	05/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0068
SOURCE TYPE -- 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING						
ASH GROVE CEMENT CO.	NE	10/22/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	NE-0001
ATLANTIC CEMENT CO., INC.	MD	11/03/80		CARL YORK	(301)-383-2776	MD-0015
BANKS CONSTRUCTION CO.	SC	04/01/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0009
BEEHIVE CEMENT, SANTAGUIN PLANT	UT	02/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0002
MARTIN MARIETTA-LEAMINGTON	UT	06/06/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0016
SOURCE TYPE -- 9.6 COAL CLEANING						
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0008
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0009
SOUTHERN CA EDISON COALWATER STATION	CA	12/09/81	EPA REGION IX	DICK GROW	(415)-974-8219	CA-0027

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SOURCE TYPE -- 9.7 COAL CLEANING (THERMAL DRYER)						
CONSOL PENNSYLVANIA COAL CO.	PA	05/03/82	EPA REGION III	GREGORY HAM	(215)-597-2745	PA-0025
METTIKI COAL	MD	07/05/78	EPA REGION III	CRAIG HOLDEFER	(301)-383-3147	MD-0016
SOURCE TYPE -- 9.8 GLASS FIBER MANUFACTURING						
CERTAINTEED CORP.	CA	06/22/81	EPA REGION IX	RICK SUGAREK	(415)-974-8062	CA-0024
PABCO INSULATION DIV., FIBERBOARD CORP.	TX	02/13/84	TEXAS ACB	BOB MAUEL	(512)-451-5711	TX-0143
PPG INDUSTRIES, INC.	TX	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0081
SOURCE TYPE -- 9.9 FRIT MANUFACTURING						
GUARDIAN INDUSTRIES CORP.	TX	02/18/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0025
SOURCE TYPE -- 9.11 GLASS MANUFACTURING						
BALL CORP.	CA	02/13/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0020
GUARDIAN INDUSTRIES CORP.	CA	01/16/81	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	CA-0002
(86)LIBBEY - OWENS - FORD CO.	CA	12/17/85	EPA REGION IX	LINH TRAN	(415)-974-7631	CA-0127
PPG INDUSTRIES, INC.	IL	05/29/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0008
PPG INDUSTRIES, INC.	MD	11/07/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	MD-0003
SOURCE TYPE -- 9.12 GYPSUM MANUFACTURING						
CONTINENTAL LIME, INC	UT	12/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	UT-0005
U.S. GYPSUM	TX	02/13/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0054

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
SOURCE TYPE -- 9.13 LIME MANUFACTURING						
ARMCO INC. - PIQUA MINERALS	OH	06/15/81	REGIONAL APC	REBECCA POHLMAN	(513)-335-5655	OH-0041
CHEMSTONE CORP.	VA	02/07/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0021
DAN RIVER, INC.	VA	03/22/82	VIRGINIA APCB	REINALDO JENKINS	(804)-786-4867	VA-0020
DOMTAR INDUSTRIES, INC.	PA	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	PA-0003
J.E. BAKER CO.	OH	02/22/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0008
SOURCE TYPE -- 9.14 MINERAL WOOL MANUFACTURING						
TEXACO, INC.	CA	04/09/80	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0004
U.S. GYPSUM	IN	02/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	IN-0004
U.S. GYPSUM	OH	03/11/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0007
SOURCE TYPE -- 9.15 PERLITE MANUFACTURING						
CAROLINA STALITE	NC	11/05/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0018
SOURCE TYPE -- 9.16 PHOSPHATE ROCK PROCESSING						
ESTECH GENERAL CHEMICALS	FL	01/29/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0021
MOBIL CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	FL-0009
SOURCE TYPE -- 9.17 STONE QUARRYING, SAND/GRAVEL						
AUSTINVILLE LIMESTONE CO., INC.	VA	05/02/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	VA-0023
COAL INDUSTRY SERVICES CO.	VA	12/06/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0009
CONCRETE MATERIALS INC.	NY	05/12/80	EPA REGION II	PAUL KAHN	(212)-264-9578	NY-0001
GAF CORP.	PA	02/29/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	PA-0022
GRANITE CONSTRUCTION CO.	CA		KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	CA-0091

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MARTIN MARIETTA AGGREGATES	IN	02/25/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	IN-0008
MARYLAND MATERIALS, INC.	MD	10/04/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	MD-0012
MID-CONTINENT MATERIALS, INC.	OK	11/19/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0018
WALDRON CRUSHED STONE CO.	IN	10/21/80	INDIANA APCD	TED SONDERS	(317)-633-0665	IN-0014
SOURCE TYPE -- 9.18 TACONITE ORE PROCESSING						
CONOCO, INC.	OH	02/23/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0004
TENNESSEE EASTMAN CO.	TN	12/12/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0008
TENNESSEE EASTMAN CO.	TN	09/24/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	TN-0014
SOURCE TYPE -- 9.19 MINING OPERATIONS						
SHELL OIL CO.-BUCKSKIN MINE	WY	03/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	WY-0001
SOURCE TYPE -- 9.21 OTHER MINERAL PRODUCTS INDUSTRY						
AM MATERIALS CONSTRUCTION	WI	04/02/80	WISCONSIN DNR	DONALD WHITE	(715)-836-4268	WI-0008
AMSELCO COAL, FULTON MINE	IN	08/28/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	IN-0013
BADGER MINING CORP.	WI	06/27/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	WI-0009
ENERGY BROTHERS, INC.	WY	10/10/84	WYOMING AQD	BERNIE DAILEY	(307)-777-7391	WY-0017
GENERAL CASTING CORP.	WI	06/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	WI-0011
LONE STAR POLYMER CONCRETE CO.	VA	01/21/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0018
MELWIRE TRADING CO., INC.	CA	09/01/82	SAN DIEGO APCD	JUDY LAKE	(619)-565-5908	CA-0096
MULLITE CO.	GA	10/07/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0006
PATRICK COAL CORP.	VA	02/08/83	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0017
PPG INDUSTRIES, INC.	NC	10/03/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0015
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0014
SOURCE TYPE -- 10.1 KRAFT PULP MILLS						

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ALABAMA KRAFT	AL	07/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0007
ALABAMA RIVER PULP CO., INC	AL	11/06/75	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0018
BOWATER CAROLINA CO.	SC	05/03/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0013
(86)BRUNSWICK PULP & PAPER CO.	GA	01/31/86	GEORGIA EPD	D. YARDUMIAN	(404)-656-4867	GA-0019
CHAMPION INTERNAT. CORP.	MI	03/17/81	MICHIGAN DNR	RANDAL TELEZ	(517)-322-1333	MI-0024
CHESAPEAKE CORP.	VA	10/07/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0001
CHESAPEAKE CORP.	VA	06/10/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0001A
CONTAINER CORP. OF AM	AL	12/21/79	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0014
CONTAINER CORP. OF AM	FL	04/13/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0026
FEDERAL PAPER BOARD CO., INC.	NC	08/31/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0019
FEDERAL PAPER BOARD CO., INC.	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0019A
FEDERAL PAPER BOARD CO., INC.	NC	10/03/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0019B
GEORGIA-PACIFIC CORP.	LA	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	LA-0041
GEORGIA-PACIFIC CORP.	AR	03/19/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	AR-0005
(86)GEORGIA-PACIFIC CORP.	FL	11/15/85	FLORIDA DER	BRUCE MITCHELL	(904)-488-1344	FL-0035
GILMAN PAPER CO.	GA	06/29/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0009
HAMMERMILL PAPER	AL	03/26/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0015
INDEPENDENT KRAFT CORP.	AL	02/23/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0020
INTERNATIONAL PAPER CO.	AR	07/05/82	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0007
INTERNATIONAL PAPER CO.	LA	11/18/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	LA-0017
INTERSTATE PAPER CORP.	GA	04/16/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	GA-0015
KIRBY FOREST INDUSTRIES	TX	08/14/80	EPA REGION VI	GEORGE KENNEDY	(214)-767-2742	TX-0071
LEAF RIVER FOREST	MS	03/14/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0008
LONGVIEW FIBRE	WA	11/12/80	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	WA-0002
LOUISIANA-PACIFIC BOILER	CA	10/23/80	BAY AREA AQMD	LEW POTTER	(415)-771-6000	CA-0052
(86)NEKOOSA PAPER CO.	AR	10/01/85	ARKANSAS DPCE	MIKE PORTA	(501)-562-7444	AR-0013
OLINKRAFT	LA	10/08/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	LA-0037
PORT ST. JOE	FL	02/18/82	FLORIDA DER	ED PALAGYI	(904)-488-1344	FL-0022
POTLATCH	ID	04/25/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0003
SCOTT PAPER	AL	01/15/81	ALABAMA APCD	SUE ROBERTSON	(205)-830-6570	AL-0002
SIMPSON LEE PAPER CO.	CA	09/15/82	EPA REGION IX	MATT HABER	(415)-974-8209	CA-0032
SIMPSON LEE PAPER CO.	CA	01/14/75	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0032A
SIMPSON LEE PAPER CO.	CA	06/07/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0032B

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ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0002
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	FL-0004
ST. REGIS PAPER CO.	ME	03/10/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0001A
UNION CAMP CORP.	ME	05/20/82	MAINE DEP	JOHN CHANDLER	(207)-289-2437	ME-0001
UNION CAMP CORP.	AL	11/15/77	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0019
UNION CAMP CORP.	GA	07/01/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	GA-0008
WESTVACO CORP.	SC	02/25/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	SC-0014
WESTVACO CORP. - FINE PAPERS DIV.	SC	02/24/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0003
WEYERHAEUSER CO.	KY	03/30/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0033
WEYERHAEUSER CO.	MS	05/22/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	MS-0005
WILLAMETTE INDUSTRIES, INC.	WA	01/17/84	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	WA-0013
WILLAMETTE INDUSTRIES, INC.	KY	12/03/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0001A
WILLAMETTE INDUSTRIES, INC.	KY	06/02/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0001
WILLAMETTE INDUSTRIES, INC.	KY	04/30/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0039
	KY	08/06/84	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	KY-0039A
SOURCE TYPE -- 10.2 WOOD PULPING (OTHER THAN KRAFT)						
APPLETON PAPERS, INC.	WI	09/06/83	WISCONSIN DNR	STEVE KLAFKA	(608)-267-7540	WI-0033
AUGUSTA NEWSPRINT CO.	GA	10/04/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	GA-0014
BEAR ISLAND PAPER CO.	VA	09/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0022
CAROLINA FOREST INDUSTRIES, INC.	SC	06/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0005
(86)CONSOLIDATED PAPERS, INC.	WI	01/10/85	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500	WI-0034
FLAMBEAU PAPER CORP.	WI	04/28/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	WI-0001
(86)FLETCHER PAPER CO.	MI	04/15/86	MICHIGAN DNR	D. FERRIER	(517)-373-7023	MI-0041
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	OK-0004
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	OK-0005
MACMILLAN BLOEDAL	AL	04/30/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0016
PROCTOR & GAMBLE PAPER PRODUCTS CO.	WI	04/29/82	WISCONSIN DNR	DALE ZIEGE	(608)-266-0113	WI-0032A
PROCTOR & GAMBLE PAPER PRODUCTS CO., FO*	WI	06/22/83	WISCONSIN DNR	YESHAVANT DESAI	(414)-497-4062	WI-0032
SUNBELT FOREST PRODUCTS CORP.	AL	04/20/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0009

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SOURCE TYPE -- 10.3 HARDBOARD						
ABI TIBI CORP.	NC	03/25/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0002
(86)LOUISIANA PACIFIC CORP.	CA	05/10/85	BUTTE COUNTY APCD	CRAIG GILMORE	(916)-534-4383	CA-0052A
SOURCE TYPE -- 10.4 PLYWOOD PLANTS						
EVERGREEN FOREST PRODUCTS	ID	12/30/82	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0005
KIRBY FOREST INDUSTRIES	TX	01/09/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	TX-0057
ULTRASYSTEMS INC.	CA	10/06/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0039
SOURCE TYPE -- 10.5 WOODWORKING						
BOHEMIA, INC.	CA	12/26/84	PLACER COUNTY APCD	D.W. DIXON	(916)-823-4443	CA-0093
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0013A
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0013
SOURCE TYPE -- 10.6 OTHER WOOD PRODUCTS						
AUSTELL BOX BOARD CO.	GA	06/29/81	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	GA-0012
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0020
(86)COLLINS & AIKMAN CORP.	NC	03/14/86	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	NC-0036
CROWN WOOD PRODUCTS	NC	01/28/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0022
EAGLE ENERGY	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	ID-0004
GEORGIA-PACIFIC CORP.	NC	01/07/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0007
GEORGIA-PACIFIC CORP.	NC	06/01/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0007A
HOOKER FURNITURE CORP.	VA	02/16/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	VA-0019
HUDSON LUMBER CO.	CA	10/05/81	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	CA-0040
(86)HYFONEX CORP.	TX	08/01/85	TEXAS ACB	JOHN ARGUBRIGHT	(512)-451-5711	TX-0177
INTERNATIONAL PAPER CO.	AR	03/25/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	AR-0010
J.M. HUBER CORP.	ME	08/25/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0003

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LOUISIANA-PACIFIC CORP.	ME	01/27/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0004
MIAMI PAPER CORP.	OH	06/25/82	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	OH-0020
NATICK PAPERBOARD	MA	04/30/81	EPA REGION I	SARAH SIMON	(617)-223-4448	MA-0003
PACKAGING CORP. OF AM	MI	12/16/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0012
PROCTOR & GAMBLE PAPER PRODUCTS CO.	CA	04/02/80	EPA REGION IX	RAY SEID	(415)-974-8066	CA-0022
PROCTOR & GAMBLE PAPER PRODUCTS CO.	TX	02/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	TX-0080
STONE CONTAINER CORP.	OH	12/23/81	OHIO EPA SED	GLEN GREENWOOD	(614)-385-8501	OH-0003
SOURCE TYPE -- 11.0 GENERAL MANUFACTURING AND FABRICATION						
AIRCO CARBON	SC	01/11/82	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0011
A.O. SMITH CORP.	WI	06/05/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	WI-0020
BUICK MOTOR DIV., GMC	MI	03/31/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0020
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	NC-0005
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	NC-0006
CAMPBELL SOUP CO.	NC	01/29/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0001
CERTIFIED BRAKE, LEAR SIEGLER, INC.	KY	01/09/85	KENTUCKY DAPC	JAMES DILLS	(502)-564-3382	KY-0045
CHEVROLT TRUCK ASSEMBLY PLANT	MI	06/25/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	MI-0019
CHICAGO & NORTHWESTERN TRANSP. CO.	MI	06/01/80	MICHIGAN DNR	JOHN TROUT	(517)-322-1333	MI-0009
COLT INDUSTRIES - HOLLEY CARBURETOR DIV	TN	05/01/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	TN-0003
CRANSTON PRINT WORKS	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	NC-0021
FORD MOTOR CO., LIMA ENGINE PLANT	OH	05/14/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	OH-0006
GAF CORP.	PA	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	PA-0021
GAF CORP.	CA	05/01/79	EPA REGION IX	DON HARVEY	(415)-974-8223	CA-0018
GENERAL ELECTRIC CO.	AL	03/08/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	AL-0017
GENERAL MOTORS CORP.	KS	04/13/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	KS-0006
GM DELCO PRODUCTS DIV	OH	05/11/79	RAPCA - DAYTON,OH	JAMES GROSS	(513)-225-4435	OH-0010
GM HYDRA-MATIC	MI	06/15/79	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0025
GM PROVING GROUND	MI	09/03/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0026
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0006
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0005
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0021
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	MI-0022

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GMC CHEVROLT MOTOR DIV.	MI	03/01/80	MICHIGAN DNR	JOHN VIAL	(517)-322-1333	MI-0023
GREENWOOD MILLS, INC.	SC	09/03/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	SC-0001
HILTI INDUSTRIES, INC	OK	08/08/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	OK-0017
IBM CORP.	CA	06/09/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	CA-0038
IBM CORP.	NY	05/12/82	EPA REGION II	PAUL KAHN	(212)-264-9578	NY-0006
IBM CORP.	KY	06/23/78	KENTUCKY DAPC	GEORGE DAY	(502)-564-3382	KY-0037
JOS. SCHLITZ BREWING CO.	TX	12/18/84	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0156
MIDWEST FEATHER CO.	OH	05/04/83	SOUTHWEST OHIO APCA	WALTER ANDERSON	(513)-251-8777	OH-0062
OHIO MEDICAL ANESTHETICS	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0057
PHILIP MORRIS	VA	05/20/81	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	VA-0003
PHOENIX DYE WORKS	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0056
PONTIAC MOTOR DIVISION, GMC	MI		MICHIGAN DNR	LYNN FIEDLER	(517)-322-1333	MI-0037
POOL CO.	TX	09/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	TX-0102
PROCTOR & GAMBLE	NY	02/25/82	EPA REGION II	EDWARD NOWAK	(212)-264-8690	NY-0007
(86)ROCKWELL INTERNAT. MICRO ELECT. R&D FAC.	CA	03/22/85	VENTURA COUNTY APCD	STAN COHEN	(805)-654-2458	CA-0149
SAGINAW STEERING GEAR	AL	10/15/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	AL-0005
TEXAS INSTRUMENTS, INC.	TX	01/04/84	TEXAS ACB	ART KELLOGG	(512)-451-5711	TX-0141
TRICO INDUSTRIES, INC.	TX	01/12/83	TEXAS ACB	JAMES CROCKER	(512)-451-5711	TX-0126
UNION UNDERWEAR CO., INC.	KY	10/01/84	KENTUCKY DAPC	GERALD GOEBEL		KY-0044
SOURCE TYPE -- 12.0 INSTITUTIONAL/COMMERCIAL						
A.I. DUPONT INSTITUTE	DE	09/18/80	EPA REGION III	JOANNE MCKERNAN	(215)-597-8182	DE-0004
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	TN-0017
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	TN-0017A
GRIFFISS AIR FORCE BASE	NY	01/28/83	NEW YORK DEC	DAVID PROSSER	(315)-782-0100	NY-0010
LORING AIR FORCE BASE	ME	01/26/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	ME-0005
L.D.S. CHURCH WELFARE SQUARE	UT	07/01/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	UT-0029
MALMSTROM AFB	MT	06/01/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	MT-0002
NORFOLK & WESTERN RAILWAY CO.	VA	07/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	VA-0006
NORTHERN MICHIGAN UNIV.	MI	10/20/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0003
RADFORD ARMY AMMUNITION PLANT	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	VA-0010
SCHAAF LANE GREENHOUSE, INC.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0054

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NOTE - NUMBER IN ( ) BEFORE THE COMPANY NAME INDICATES THE YEAR OF THE BLC SUPPLEMENT THE ENTRY WILL APPEAR IN.
FOR EXAMPLE, (86) SIGNIFIES THE DETAILED LISTING OF THIS ENTRY WILL APPEAR IN THE 1986 BLC SUPPLEMENT.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 06/05/1986

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	APPENDIX G ID NUMBER
(86)SEAMLESS HOSPITAL PRODUCTS	TX	03/15/85	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	TX-0171
SOUTHERLY WASTEWATER TREATMENT	OH	11/03/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	OH-0053
UNIVERSITY HOSPITAL	OH		SOUTHWEST OHIO APCA	STANLY KOZEMBA	(513)-251-8777	OH-0029
UNIVERSITY OF CINCINATI	OH	11/13/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	OH-0019
UNIVERSITY OF TEXAS AT AUSTIN	TX	02/08/85	TEXAS ACB	JAMES RANDALL	(512)-451-5711	TX-0159
UNIVERSITY OF WYOMING	WY	03/14/80	WYOMING AQD	ECKART HAAS	(307)-777-7391	WY-0004
UNIV. OF MICH., CEN HEATING PLANT	MI	09/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	MI-0011
USAF - CHANUTE BASE	IL	04/01/84	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	IL-0025
(86)VANDENBERG AFB, STS PROGRAM	CA	04/08/85	SANTA BARBARA COUN*	DOUG GRAPPLE	(805)-964-8658	CA-0145

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APPENDIX B

TABLE 2 CONTROL TECHNOLOGY DETERMINATIONS
BY TYPE OF SOURCE - SUMMARY
OF EMISSION LIMITATIONS

NOTE: Table 2 has been deleted from this and future supplemental listing of determinations.

RESERVED FOR FUTURE USE

APPENDIX C

TABLE 2A CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

NOTE: Table 2A is published in total with this supplement. Table 2A is organized by fuel type and boiler size with the boiler size being listed in ascending order within each fuel type category. All boilers are listed regardless of size. Where units of measure were reported in a form other than MM Btu/h, a conversion was performed using the following factors:

250 MM Btu/h heat input is equal to:

29 MW_i, heat input

25 MW_e, output

200,000 lb steam/h output.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.1							
ID NUMBER OH-0083	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
HUDEPOHL BREWING CO.	OH 14-967	11.00MMBTU/H	N	BOILER, EXPERIMENTAL, ROT CA*	NOX	.64LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.83LB/MMBTU	B*
					VE	10.00% OPACITY	B*
ID NUMBER OH-0054	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
SCHAAF LANE GREENHOUSE, *	OH 13-1093	18.10MMBTU/H	N	BOILER, COAL FIRED	PM	.20LB/MMBTU	
					SO2	2.50LB/MMBTU	
ID NUMBER VA-0019	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
HOOKER FURNITURE CORP.	VA 20523	20.00MMBTU/H	M	BOILER, WOOD/COAL	PM	.30LB/MMBTU	
ID NUMBER UT-0029	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
L.D.S. CHURCH WELFARE SQ*	UT	18000.00LB/H STEAM	M	BOILER, COAL FIRED			
					PM	.04GR/DSCF	
					VE	20.00% OPACITY	
ID NUMBER VA-0002	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
SWANN OIL CO.	VA 78VA04	29.00MMBTU/H	N	BOILER, STEAM	CO	.60LB/H	B*
					NOX	7.00LB/H	B*
					PM	.50LB/H	B*
					SO2	.20LB/H	B*
ID NUMBER OH-0013	SOURCE TYPE - 6.62 OTHER CHEMICAL						
EMERY INDUSTRIES	OH OHIO 14-312	35.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER OH-0020	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						

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(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MIAMI PAPER CORP.	OH 0857190134 B00*	47.30MMBTU/H EA	M	BOILER, STOKER, 2	PM	.15LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER NE-0007	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
CIRCLE ENERGIES CORP.	NE	50.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.50LB/MMBTU INPUT	
					PM	.05LB/MMBTU INPUT	
					SO2	1.16LB/MMBTU INPUT	
ID NUMBER MI-0018	SOURCE TYPE - 4.4 SURFACE COATING - METAL FURNITURE						
STEELCASE, INC.	MI 51-80	40000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER IN-0020	SOURCE TYPE - 6.43 PHARMACEUTICAL						
MEAD JOHNSON & CO.	IN PC(65) 1507	40000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.65LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	2.10LB/MMBTU	
ID NUMBER OH-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
FORD MOTOR CO., LIMA ENG*	OH EPA-5-A-80-19	55.00MMBTU/H	N	BOILER, COAL FIRED	PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24H	B*
ID NUMBER MI-0026	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GM PROVING GROUND	MI 658-78	40000.00LB/H EA	N	BOILER, COAL FIRED, 4 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER VA-0005	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
HAMPTON ROADS ENERGY CO.	VA 78VA01	60.00MMBTU/H	N	GENERATOR STACK, UTILITY STE*	CO	20.00LB/H	B*
					NOX	106.00LB/H	B*
					PM	34.00LB/H	B*
					SO2	180.00LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NC-0030	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MALLINCKRODT, INC.	NC 5126	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					SO2	1.50LB/MMBTU	
ID NUMBER AL-0025	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CONTINENTIAL GRAIN CO.	AL 711-0003-X021	60.60MMBTU/H	N	BOILER, COAL FIRED	NOX	.27LB/MMBTU	B*
					PM	.23LB/MMBTU	S*
					SO2	1.10LB/MMBTU	B*
ID NUMBER KY-0023	SOURCE TYPE - 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS,*	KY C-79-121	62.60MMBTU/H	N	BOILER	CO	1.00T/YR	
					NOX	6.00T/YR	
					PM	2.00LB/H	
						10.00T/YR	
					SO2	3.00T/YR	
					VOC	1.00T/YR	
ID NUMBER OH-0069	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CENTRAL STATE UNIVERSITY	OH 08-712	66.00MMBTU	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.60LB/MMBTU	B*
ID NUMBER NE-0005	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEBRASKA ALCOHOL FUEL CO*	NE	66.35MMBTU/H	N	BOILER	NOX	.50LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.16LB/MMBTU	
ID NUMBER OH-0029	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY HOSPITAL	OH 1431070207B003	68.00MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	
					SO2	2.00LB/MMBTU	
ID NUMBER IN-0009	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
MIAMI VALLEY REFIN. CO.	IN PC(15)1485	50000.00LB/H	N	BOILER, FBC, COAL FIRED	PM	.06LB/MMBTU	
					SO2	.14LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER WY-0004	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIVERSITY OF WYOMING	WY CT-283 SEE NOTE	73.20MMBTU/H	N	BOILER, COAL, 3 EA, NOTE #1	CO	.12LB/MMBTU	
					NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU NOTE *	N*
					SO2	1.60LB/MMBTU	B*
					VOC	.06LB/MMBTU	
ID NUMBER GA-0018	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
FRITO-LAY, INC.	GA 2099-076-9229	75.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.00% SULFUR COAL	B*
					VE	20.00% OPACITY	S*
ID NUMBER SC-0004	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
CARGILL, INC.	SC	80.60MMBTU/H EA	N	BOILER #5 & 6	PM	29.00LB/H	B*
					SO2	326.90LB/H	B*
ID NUMBER ID-0002	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
IDAHO NAT ENGINEERING LA*	ID (R)PSD-X81-11	82.50MMBTU/H	N	BOILER, 2 EA	NOX	.50LB/MMBTU	B*
					PM	.05GR/DSCF	B*
					SO2	99.20LB/H	B*
ID NUMBER MI-0025	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GM HYDRA-MATIC	MI 657-78	60000.00LB/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.40LB/MMBTU	
ID NUMBER MI-0003	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
NORTHERN MICHIGAN UNIV.	MI 121-80	60000.00LB/H	N	BOILER, COAL FIRED, 3 TOTAL	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.40LB/MMBTU	
ID NUMBER VA-0006	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
NORFOLK & WESTERN RAILWA*	VA 79VA14	82.60MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	B*
						56.50LB/H	B*
					SO2	2.11LB/MMBTU	B*
						523.10LB/H	B*
ID NUMBER MI-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC ASSEMBLY PLANT	MI 208-80	85.00MMBTU/H EA	N	SPREADER-STOKER	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER MI-0041	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
FLETCHER PAPER CO.	MI 682-84A	70000.00LB/H STEAM		BOILER	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.40LB/MMBTU	
ID NUMBER SC-0001	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GREENWOOD MILLS, INC.	SC SC035	88.40MMBTU	M	BOILER, COAL	NOX	.55LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.41LB/MMBTU	B*
ID NUMBER PA-0020	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CITY OF WILKES-BARRE	PA 79PA23	92.50MMBTU/H	M	BOILER	PM	8.00LB/H	B*
					SO2	199.00LB/H	B*
						1.50LB/MMBTU	B*
ID NUMBER OH-0005	SOURCE TYPE - 6.62 OTHER CHEMICAL						
E.I. DUPONT DE NEMOURS	OH EPA-5-A-81-1	70000.00LB/H	N	BOILER, COAL FIRED, 2	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER SC-0002	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
E.I. DUPONT	SC (R)SC-034	97.00MMBTU/H EA	N	BOILER, COAL, #1 & #2	NOX	.70LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					SO2	1.70LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER WV-0006	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
MORGANTOWN ENERGY RESEAR*	WV 78WV08	98.30MMBTU/H	N	BOILER, FLUIDIZED BED	NOX	34.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	86.00LB/H	B*
ID NUMBER NE-0006	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
ADC-I, LIMITED	NE	100.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER VA-0027	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CARGILL, INC.	VA 60277	106.00MMBTU/H		BOILER, COAL FIRED	PM	.05LB/MMBTU	P*
					SO2	1.52LB/MMBTU	P*
ID NUMBER IA-0005	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
CONSOLIDATED ENERGY GROU*	IA	113.00MMBTU/H	N	BOILER, COAL FIRED, STOKER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						14.90T/YR	B*
					SO2	2.00LB/MMBTU	B*
ID NUMBER NY-0010	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
GRIFFISS AIR FORCE BASE	NY 30130004760029*	113.00MMBTU/H EA	N	BOILER, COAL FIRED, 4	NOX	.62LB/MMBTU	B*
					PM	.05LB/MMBTU	
					SO2	.71LB/MMBTU	
ID NUMBER IL-0025	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
USAF - CHANUTE BASE	IL 83 12 0026	115.00MMBTU/H	N	BOILER, 4	NOX	.60LB/MMBTU	B*
ID NUMBER MO-0005	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MALLINCKRODT, INC	MO	115.10MMBTU/H	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
						.30LB/MMBTU FUEL *	
					NOX	.20LB/MMBTU GAS	
					SO2	2.00LB/MMBTU 30D R*	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
						2.85LB/MMBTU MAX/D*	
					SO2	1.20LB/MMBTU MAX/D*	
						1.20LB/MMBTU FUEL *	
					SO2	.01LB/MMBTU GAS	
ID NUMBER NC-0036	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
COLLINS & AIKMAN CORP.	NC 5825	117.00MMBTU/H	N	BOILER, COAL FIRED	F	6.40EE-3 LB/MMBTU	
					H2*	.02LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.50LB/MMBTU	
ID NUMBER AL-0022	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
3M CO.	AL 712-0009-X019	120.00MMBTU/H	N	BOILER, COAL FIRED	CO	.20LB/MMBTU	S*
					NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.50LB/MMBTU	B*
ID NUMBER AL-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	M	BOILER, COAL FIRED	PM	1.60LB/H	B*
					SO2	1.50LB/MMBTU	B*
ID NUMBER NC-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*
ID NUMBER NC-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*
					SO2	1.40LB/MMBTU	B*
ID NUMBER IN-0002	SOURCE TYPE - 6.43 PHARMACEUTICAL						
ELI LILLY	IN EPA-5-A-81-7	123.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
						323.00T/YR	
					PM	.09LB/MMBTU	
						49.60T/YR	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	1.60LB/MMBTU 3H AV	
ID NUMBER IL-0024	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
QUINCY SOYBEAN	IL 83 05 0033	125.00MMBTU/H	N	BOILER, 2	CO	200.00PPM MAX	B*
					NOX	.70LB/MMBTU	B*
					PM	.08LB/MMBTU	S*
					SO2	1.80LB/MMBTU	B*
ID NUMBER IL-0027	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
A.E. STALEY	IL 83 05 0091	130.00MMBTU/H	N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER KY-0038	SOURCE TYPE - 7.9 FATS/VEGETABLE OILS						
OWENSBORO GRAIN CO.	KY C-81-70	130.50MMBTU/H	M	BOILER, COAL FIRED, & FUEL H*	NOX	.70LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER KY-0044	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
UNION UNDERWEAR CO., INC.	KY C-84-128	136.00MMBTU/H	N	BOILER, COAL FIRED	CO	.21LB/MMBTU	B*
					H2*	24.40T/YR	B*
					NOX	.59LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NJ-0004	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CURTISS-WRIGHT CORP.	NJ	137.00MMBTU/H	M	BOILER, PFB	CO	NONE	
					NOX	NONE	
					PM	NONE	
					SO2	.30LB/MMBTU	S*
ID NUMBER TN-0019	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CENTRAL SOYA CO., INC.	TN 0460-10200202-*	143.10MMBTU/H	N	BOILER, FBC, COAL FIRED	BE	.00LB/H	B*
					CO	.17LB/MMBTU	B*
					F	.00LB/H	B*

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PROCESS CODE 1.1 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					HG	.00LB/H	B*
					NOX	.60LB/MMBTU	B*
					PB	.00LB/H	B*
					PM	.04LB/MMBTU	L*
					SO2	.44LB/MMBTU	B*
					VOC	6.30LB/H	B*
ID NUMBER IA-0008	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
BOONE VALLY COOP.	IA	146.50MMBTU/H	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
					SO2	2.00LB/MMBTU	
ID NUMBER IL-0021	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
B.F. GOODRICH CO.	IL 82 03 0046	150.00MMBTU/H	N	BOILER, FLUIDIZED BED, RECIR*	CO	400.00PPM	B*
					NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
						85.00% REDUCTION	B*
ID NUMBER MD-0001	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
CELANESE, AMCELLE PLANT	MD 78MD08-R	110.00MLB/H	N	BOILER, COAL FIRED	PM	9.24LB/H	S*
						40.50T/YR	S*
					SO2	70.23LB/H	P*
						307.60T/YR	P*
ID NUMBER IA-0003	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
AM. MODERN FOOD ENERGY S*	IA	150.00MMBTU/H	N	BOILER, PULV. COAL	NOX	.70LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	2.00LB/MMBTU	B*
ID NUMBER IA-0010	SOURCE TYPE - 6.62 OTHER CHEMICAL						
MONSANTO CO.	IA	150.00MMBTU/H	M	BOILER, SPREADER-STOKER, #B-8	NOX	.60LB/MMBTU 30D R*	B*
					PM	.03LB/MMBTU	B*
					SO2	1.95LB/MMBTU 3H R *	B*
					VE	20.00%, 6 MIN AVG.	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER IA-0004 SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING							
A.E. STALEY MFG. CO.	IA	150.00MMBTU/H	M	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	B*
					SO2	1.60LB/MMBTU MAX	B*
						1.20LB/MMBTU 30D AV	B*
ID NUMBER OH-0010 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
GM DELCO PRODUCTS DIV	OH 08-144	150.00MMBTU/H	N	BOILER #4	PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	L*
ID NUMBER KY-0042 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
KENTUCKY AGRICULTURAL EN*	KY C-84-44	155.40MMBTU/H	N	BOILER, FLUIDIZED BED, COAL *	NOX	.50LB/MMBTU	
					PM	10.00LB/H	
					SO2	1.20LB/MMBTU	
ID NUMBER IL-0026 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
MIDWEST SOLVENTS	IL 82 10 0034	170.00MMBTU/H	N	BOILER, FLUIDIZED BED	CO	SEE NOTE	
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	S*
					SO2	1.20LB/MMBTU 30D AV	B*
						85.00% REDUCTION	B*
ID NUMBER MI-0019 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
CHEVROLT TRUCK ASSEMBLY *	MI 426-79	171.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER TX-0024 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	174.10MMBTU/H	N	GENERATOR, PROCESS STEAM, CO*	NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*
ID NUMBER ME-0006 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
NEW ENGLAND ETHANOL, INC.	ME 2191	175.00MMBTU/H	N	BOILER, COAL	NOX	.70LB/MMBTU 2H AV	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.08LB/MMBTU	B*
					SO2	1.80LB/MMBTU	B*
ID NUMBER TX-0074	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	178.00MMBTU/H EA	M	BOILER, COAL, 3	CO	11.20LB/H EA	B*
						.06LB/MMBTU	B*
					NOX	125.00LB/H EA	B*
						.70LB/MMBTU	B*
ID NUMBER AL-0021	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
AMALGAMAIZE CO.	AL 712-0039-X018	179.74MMBTU/H	N	BOILER, COAL FIRED	CO	.20LB/MMBTU	B*
					NOX	.57LB/MMBTU	B*
					PM	.05LB/MMBTU	N*
					SO2	2.27LB/MMBTU	S*
ID NUMBER KY-0012A	SOURCE TYPE - 6.62 OTHER CHEMICAL						
B.F. GOODRICH CO., CHEMI*	KY 49-80	192.30MMBTU/H	N	BOILER, SPREADER STOKER, COA*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	L*
					SO2	1.00LB/MMBTU	L*
					VE	20.00% OPACITY	S*
ID NUMBER AR-0002	SOURCE TYPE - 6.62 OTHER CHEMICAL						
ARKANSAS EASTMAN	AR (R)PSD-AR-311	193.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.60LB/MMBTU	B*
ID NUMBER KY-0007	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TVA - AFBC PILOT PLANT -*	KY C-80-18	200.00MMBTU/H	N	BOILER, FLUIDIZED BED	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NC-0032	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX OF NORTH CAROL*	NC 5418	202.00MMBTU/H		BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	

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PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NC-0033	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL				SO2	1.60LB/MMBTU	
COGENTRIX OF NORTH CAROL*	NC 5492	202.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER NC-0035	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COGENTRIX OF NORTH CAROL*	NC 5543	202.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	.60LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER KS-0006	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL MOTORS CORP.	KS	205.00MMBTU/H EA	N	BOILER, COAL FIRED, SPREADER*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU 30D AV	B*
						1.60LB/MMBTU MAX	B*
ID NUMBER CA-0120	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SCE - BIOGEN POWER PROJE*	CA SE 85-01	212.00MMBTU/H	N	BOILER, CFBC, COAL FIRED	CO	150.00PPM DRY, SEE N*	
						25.20LB/H, SEE NOTE	
					NOX	34.00PPM DRY, SEE N*	
						9.20LB/H, SEE NOTE	
					PM	.01GR/DSCF AT 3% *	
						4.50LB/H, SEE NOTE	
					SO2	23.00PPM DRY, SEE N*	
						9.40LB/H, SEE NOTE	
					VE	10.00% OPACITY, MAX*	
ID NUMBER OR-0001	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
HARNEY ELECT.	OR (R)PSD-X81-12	221.00MMBTU/H EA	N	BOILER, 2	NOX	.50LB/MMBTU	B*
					SO2	.16LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NC-0023A	SOURCE TYPE - 6.62 OTHER CHEMICAL						
LITHIUM CORP. OF AMERICA	NC 4540R	221.00MMBTU/H	N	BOILER, COAL FIRED	CO	.40LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					SO2	1.56LB/MMBTU	B*
ID NUMBER VA-0004	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
COORS CO.	VA 80VA01	221.00MMBTU EA	N	BOILER, COAL FIRED, 3	CO	.40LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	.24LB/MMBTU	
					VE	5.00% OPACITY	B*
					VOC	.02LB/MMBTU	B*
ID NUMBER MI-0012	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
PACKAGING CORP. OF AM	MI 681-80	325000.00LB/H	M	BOILER, 2 TOTAL	PM	.10LB/MLB EXHAUST	
					SO2	1.67LB/MMBTU 24H AV	
ID NUMBER GA-0016A	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
SPARTAN MILLS	GA 2211-124-8961	233.00MMBTU/H	M	BOILER, COAL FIRED	FL*	2.20LB/H	B*
					H2*	4.70LB/H	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	N*
					SO2	3.49LB/H	B*
ID NUMBER NC-0023	SOURCE TYPE - 6.62 OTHER CHEMICAL						
LITHIUM CORP. OF AMERICA	NC (R)NC-075	233.90MMBTU/H	M	BOILER	NOX	.70LB/MMBTU	N*
ID NUMBER OH-0023	SOURCE TYPE - 6.62 OTHER CHEMICAL						
B.F. GOODRICH CO.	OH 1947030004	238.00MMBTU/H		BOILER, COAL FIRED	CO	.19LB/MMBTU	B*
						200.00T/YR	B*
					NOX	.70LB/MMBTU	B*
						730.00T/YR	B*
					PM	.06LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						63.00T/YR	B*
					SO2	1.20LB/MMBTU	L*
						1250.00T/YR	L*
ID NUMBER DE-0005	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
GENERAL FOODS CORP.	DE APC 83/074	243.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	3.04LB/MMBTU	
ID NUMBER NC-0011	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
E.I. DUPONT	NC NC-067	245.00MMBTU/H C*		BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
						24.50LB/H	B*
					SO2	2.20LB/MMBTU	B*
ID NUMBER MI-0022	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC CADILLAC MOTORS	CORP. MI C-5764 THRU C-*	247.00MMBTU/H	N	BOILER, POWER HOUSE, 3 EA			
					NOX	.60LB/MMBTU	L*
					PM	.03LB/MMBTU	L*
					SO2	1.10LB/MMBTU	B*
ID NUMBER MI-0005	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GMC ASSEMBLY PLANT	MI 208-80	247.22MMBTU/H EA	N	BOILER, COAL FIRED, 3 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
ID NUMBER AL-0023	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ALABAMA POWER CO.	AL 4-07-0010-8401*	248.00MMBTU/H T*	N*	BOILER, COAL FIRED	NOX	.60LB/MMBTU	N*
					PM	.05LB/MMBTU	N*
					SO2	1.17LB/MMBTU	B*
ID NUMBER NC-0027	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
R. J. REYNOLDS	NC	248.00MMBTU/H EA	N	BOILER, PULV. COAL FIRED, 5	BE	.00G/MMBTU	B*
					CO	.04LB/MMBTU	B*

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					F	.00LB/MMBTU	B*
					HG	.00G/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PB	.00G/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*
ID NUMBER PA-0026 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL							
A.E. STALEY MFG. CO.	PA 81PA01	249.00MMBTU/H	M	BOILER, COAL	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
ID NUMBER AL-0017 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
GENERAL ELECTRIC CO.	AL SEE NOTES	249.00MMBTU/H EA	N	BOILER, 2	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER AL-0009 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073	250.00MMBTU/H	N	BOILER, COAL, #3	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AL-0017 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
GENERAL ELECTRIC CO.	AL SEE NOTES	266.80MMBTU/H	N	BOILER	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER CA-0129A SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
COGENERATION NATIONAL CO*	CA AP84-190	279.60MMBTU/H	N	BOILER, COAL FIRED, 2 EA	CO	SEE NOTE	
					NOX	30.00PPMV AT 3% O2 12.00LB/H/UNIT	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	8.00EE-3 GR/SCF AT*	
						10.00LB/H TOTAL	
					SOX	13.00LB/H/UNIT	
ID NUMBER GA-0016	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
SPARTAN MILLS	GA 2211-124-8586	284.40MMBTU/H	N	BOILER			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER NC-0025	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
R. J. REYNOLDS TOBACCO C*	NC 00405-0004-P	302.60MMBTU/H	M	BOILER			
					NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
					VE	20.00% OPACITY	L*
ID NUMBER SC-0005	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	311.00MMBTU/H EA	N	BOILER, COAL FIRED, 2	CO	25.60LB/H	B*
						111.80T/YR	B*
					NOX	435.40LB/H	B*
						1901.80T/YR	B*
					PM	62.20LB/H	B*
						271.80T/YR	B*
					SO2	746.40LB/H	B*
						3260.40T/YR	B*
ID NUMBER LA-0018	SOURCE TYPE - 6.62 OTHER CHEMICAL						
HCC CHEMICAL CO.	LA (R)PSD-LA-108	312.50MMBTU/H	N	BOILER, SPREADER STOKER	CO	.10LB/MMBTU COAL	B*
					CO	.04LB/MMBTU RESID*	B*
					CO	.04LB/MMBTU DIST *	B*
					CO	.02LB/MMBTU N. GAS	B*
					NOX	.70LB/MMBTU COAL	B*
					NOX	.30LB/MMBTU RESID*	N*
					NOX	.16LB/MMBTU DIST *	B*
					NOX	.17LB/MMBTU N. GAS	B*

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PROCESS CODE 1.1

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.02LB/MMBTU COAL	B*
					PM	.02LB/MMBTU RESID*	B*
					PM	.01LB/MMBTU DIST *	B*
					PM	.01LB/MMBTU N. GAS	B*
					SO2	.32LB/MMBTU COAL	B*
					SO2	.14LB/MMBTU RESID*	B*
					SO2	.32LB/MMBTU DIST *	B*
					SO2	.00LB/MMBTU N. GAS	B*
ID NUMBER GA-0012	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
AUSTELL BOX BOARD CO.	GA 2631-033-7994-C	313.00MMBTU/H	N	BOILER	CO	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MT-0002	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
MALMSTROM AFB	MT	318.00MMBTU/H	M	HEATER, 3	NOX	.50LB/MMBTU	B*
						106.00LB/H	B*
					PM	7.60LB/H	B*
					SO2	.32LB/MMBTU	B*
						67.80LB/H	B*
ID NUMBER LA-0015	SOURCE TYPE - 6.62 OTHER CHEMICAL						
B.F. GOODRICH CHEM. GROUP LA	(R)PSD-LA-326	338.00MMBTU/H	M	BOILER, COAL FIRED	CO	.08LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.33LB/MMBTU	B*
ID NUMBER IN-0001	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
NEW ENERGY CORP.	IN EPA-5-A-82-1	342.60MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	L*
					SO2	1.20LB/MMBTU 3H AV	
ID NUMBER CA-0092	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
RIO BRAVO REFINING CO.	CA 4141003	37.50MW	M	BOILER, COAL FIRED	CO	.27LB/MMBTU	L*

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					NOX	.20LB/MMBTU	L*
ID NUMBER AL-0017	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
GENERAL ELECTRIC CO.	AL SEE NOTES	382.40MMBTU/H EA	N	BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
ID NUMBER MI-0037	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
PONTIAC MOTOR DIVISION, *	MI 124-84	443.00MMBTU/H	N	BOILER	NOX	.50LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER AL-0009	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073	470.00MMBTU/H	N	BOILER, COAL, #2	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				BOILER, COAL, #1	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MI-0020	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
BUICK MOTOR DIV., GMC	MI 535-79	485.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU 30D AV	B*
					PM	.03LB/MMBTU	L*
					SO2	.60LB/MMBTU 30D AV	B*
ID NUMBER AR-0008	SOURCE TYPE - 9.6 COAL CLEANING						
ETSI	AR 700-A	498.00MMBTU/H	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	1.20LB/MMBTU	N*
ID NUMBER AR-0009	SOURCE TYPE - 9.6 COAL CLEANING						
ETSI	AR 705-A	498.00MMBTU/H	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MI-0014	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
MARQUETTE BOARD OF LT & *	MI 65-80	517.60MMBTU/H	N	BOILER, COAL FIRED	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.40LB/MMBTU	
ID NUMBER TX-0071	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
KIRBY FOREST INDUSTRIES	TX TX-231	530.00MMBTU/H	N	BOILER, POWER	CO	3.12LB/H	B*
						.06LB/MMBTU	B*
					NOX	371.00LB/H	N*
						.70LB/MMBTU	N*
					PM	53.00LB/H	N*
						.01LB/MMBTU	N*
					SO2	636.00LB/H	N*
						1.20LB/MMBTU	N*
ID NUMBER OH-0011	SOURCE TYPE - 7.3 FEED/GRAIN MILLS AND ELEVATORS						
CARGILL, INC.	OH 08-124	567.00MMBTU/H	N	BOILER, COAL	NOX	.49LB/MMBTU	
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER LA-0030	SOURCE TYPE - 6.62 OTHER CHEMICAL						
SHELL CHEMICAL CO.	LA	594.00MMBTU/H	N	BOILER, 3 EA	CO	.06LB/MMBTU	B*
						38.00LB/H	B*
					NOX	.70LB/MMBTU	B*
						416.00LB/H	B*
					PM	.09LB/MMBTU	B*

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					53.00LB/H	B*
					SO2 1.20LB/MMBTU	B*
					713.00LB/H	B*
ID NUMBER CA-0128A SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CORN PRODUCTS	CA SEE NOTE	620.00MMBTU/H	N	BOILER, CIR. FLUIDIZED BED	CO SEE NOTE	
					1842.00LB/D	
					NOX 30.00PPMV AT 3% O2	
					PM 10.00LB/H	
					8.00EE-3 GR/DSCF A*	
					SO2 1421.00LB/D	
ID NUMBER MI-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
MICHIGAN SOUTH CENTRAL P*	MI 607-78	500000.00LB/H	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
ID NUMBER NY-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
EASTMAN KODAK CO., KODAK*	NY C262800 025 00*	670.00MMBTU/H	N	BOILER, COAL FIRED	BE .00LB/H	B*
					CO .05LB/MMBTU	B*
					NOX .70LB/MMBTU	B*
					PM .04LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER MI-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
GRAND HAVEN BOARD OF LT *	MI 541-79	710.00MMBTU/H	N	BOILER, COAL FIRED	NOX .60LB/MMBTU 30D AV	
					PM .03LB/MMBTU	
					SO2 .84LB/MMBTU 30D AV	
					.80LB/MMBTU 24H AV	
ID NUMBER TN-0001 SOURCE TYPE - 6.62 OTHER CHEMICAL						
TENNESSEE EASTMAN CO.	TN TN 065	780.00MMBTU/H	M	BOILER, COAL FIRED	PM 14.00LB/H	B*
					SO2 936.00LB/H	B*

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ID NUMBER TN-0014	SOURCE TYPE - 9.18 TACONITE ORE PROCESSING						
TENNESSEE EASTMAN CO.	TN	780.00MMBTU/H EA	N	BOILER, 2	CO	.07LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.04LB/MMBTU	L*
					SO2	1.20LB/MMBTU	B*
					VOC	.03LB/MMBTU	L*
ID NUMBER MI-0024	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CHAMPION INTERNAT. CORP.	MI 33-80	812.50MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	N*
					PM	.06LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AR-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
NEKOOSA PAPER CO.	AR 270-AR-3	820.00MMBTU/H	M	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER LA-0037	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
OLINKRAFT	LA (R)PSD-LA-037	857.00MMBTU/H	N	BOILER	PM	.10LB/MMBTU	B*
					SO2	.73LB/MMBTU	B*
ID NUMBER LA-0042	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
STONE CONTAINER CORP.	LA PSD-LA-505	1023.00MMBTU/H	N	BOILER, COAL FIRED	BE	.00LB/H	B*
					CO	47.60LB/H	B*
						.05LB/MMBTU	B*
					F	.82LB/H	B*
					NOX	716.10LB/H	B*
						.70LB/MMBTU	B*
					PM	102.30LB/H	N*
						.10LB/MMBTU	N*
					SO2	1227.60LB/H	B*
						1.20LB/MMBTU	B*
					VOC	14.30LB/H	B*

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ID NUMBER VA-0029	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
VIRGINIA POWER	VA 60163	1129.00MMBTU/H	M	BOILER, COAL FIRED, 2 EA	CO .02LB/MMBTU	
					NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.52LB/MMBTU	
					VOC .00LB/MMBTU	
ID NUMBER SC-0003	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
WESTVACO CORP.	SC SC-037	1207.00MMBTU/H	N	BOILER, POWER, COAL	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
ID NUMBER FL-0032A	SOURCE TYPE - 9.4 PORTLAND CEMENT MANUFACTURING					
FLORIDA CRUSHED STONE	FL FL-090	1234.00MMBTU/H	N	BOILER, FURNACE	NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 .90LB/MMBTU	
					915.00LB/H MAX	
					VE 20.00% OPACITY MAX	
ID NUMBER MA-0005	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
HOLYOKE WATER POWER CO.,*	MA APPR. LTR 10-2*	1447.00MMBTU/H	M	COAL COMBUSTION		
					PM .08LB/MMBTU	R*
					S 1.21LB/MMBTU MONTH*	R*
					1.60LB/MMBTU DAILY*	R*
ID NUMBER WA-0006	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
TACOMA CITY LIGHT	WA (R)PSD-X-82-06	1600.00MMBTU/H	N	BOILER	NOX .50LB/MMBTU	
					786.00LB/H	
					NOX 2926.00T/YR	
					SO2 .23LB/MMBTU	
					367.00LB/H	
					SO2 1366.00T/YR	

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ID NUMBER IA-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
MUSCATINE POWER & WATER	IA	166.00MW	M	BOILER, COAL/OIL/GAS, #9	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	L*
					SO2 .45LB/MMBTU 30D R*	L*
					.56LB/MMBTU MAX D*	L*
ID NUMBER NY-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NY STATE ELECT. & GAS - *	NY	1750.00MMBTU/H	N	BOILER, MAIN		
					NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .70LB/MMBTU	B*
					.60LB/MMBTU	B*
ID NUMBER MO-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SIKESTON BOARD OF MUNICI*	MO	235.00MW	N	BOILER, STEAM GENERATION, CO*	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER KS-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
BOARD OF PUBLIC UTILITIES	KS	246.00MW	N	BOILER, PULV. COAL FIRED	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	B*
ID NUMBER NM-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PLAINS ELECT. GEN & TRANS	NM (R)PSD-NM-82	2471.00MMBTU/H	N	GENERATOR, STEAM, COAL FIRED	CO .06LB/MMBTU	B*
					F .00LB/MMBTU	B*
					NOX .45LB/MMBTU	B*
					PM .03LB/MMBTU	N*
					SO2 .20LB/MMBTU	B*
ID NUMBER CO-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PLATTE RIVER PWR-RAWHIDE	CO	250.00MW	N	BOILER	NOX .50LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .13LB/MMBTU	B*

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ID NUMBER NV-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SIERRA PACIFIC POWER CO.	NV (R)NV 77-02	277.00MW	N	BOILER, COAL FIRED, 2	NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
ID NUMBER UT-0009A SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
INTERMOUNTAIN POWER PROJ*	UT	8352.00MMBTU	M	BOILER, COAL FIRED, 3	NOX .55LB/MMBTU	B*
					PM .02LB/MMBTU	B*
					SO2 .02LB/MMBTU	B*
					VE 20.00% OPACITY	B*
ID NUMBER WI-0028 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WISCONSIN PUBLIC SERVICE*	WI EPA-5-77-A-4	321.00MW	N	BOILER, COAL FIRED	PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
ID NUMBER KS-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SUNFLOWER ELECT. COOP., *	KS	3389.00MMBTU/H	N	BOILER, COAL FIRED	CO .06LB/MMBTU 30D R*	B*
					NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .48LB/MMBTU 30D R*	B*
ID NUMBER AZ-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ARIZONA PUBLIC SERVICE C*	AZ AZP 78-01	350.00MW	N	BOILER, COAL FIRED	NOX .70LB/MMBTU	N*
					PM .05LB/MMBTU	
					SO2 .07LB/MMBTU	
ID NUMBER AZ-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
SALT RIVER PROJECT CORON*	AZ (R)AZP76-1	350.00MW	M	GENERATING UNIT, STEAM	NOX .70LB/MMBTU	N*
					PM .08LB/MMBTU	
					SO2 .80LB/MMBTU	
ID NUMBER AZ-0005 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TUCSON ELECT. POWER CO. *	AZ AZP 79-01	350.00MW	M	GENERATING UNIT, COAL FIRED	NOX .44LB/MMBTU	
					PM .03LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SOX	.22LB/MMBTU	
						817.00LB/H	
ID NUMBER AZ-0002	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TUCSON ELECT. POWER CO. *	AZ (R)AZ77-01	350.00MW EA	N	GENERATOR, COAL FIRED, 2	NOX	.70LB/MMBTU	N*
					PM	.03LB/MMBTU	B*
					SO2	.69LB/MMBTU	B*
ID NUMBER IN-0003	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NORTHERN INDIANA PUBLIC *	IN EPA-5-A-80-18	3967.00MMBTU/H	N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.62LB/MMBTU	
ID NUMBER UT-0006	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
DESERET GEN & TRANS, MOO*	UT	400.00MW		BOILER, COAL FIRED, 2 EA			
					NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						.02GR/DSCF	B*
					SO2	418.00LB/H	B*
						.06LB/MMBTU	B*
					VE	20.00% OPACITY	
ID NUMBER WI-0029	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WISCONSIN POWER & LIGHT *	WI EPA-5-77-A-3	400.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER FL-0003	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
TAMPA ELECT. CO.	FL (R)PSD-FL-040	425.00MW	M	BOILER, COAL FIRED	CO	.01LB/MMBTU	B*
						61.00LB/H	B*
					NOX	.60LB/MMBTU	B*
						2598.00LB/H	B*
					PM	.03LB/MMBTU	N*
						130.00LB/H	N*
					SO2	.82LB/MMBTU	N*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					3576.00LB/H	N*
ID NUMBER CO-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
COLORADO UTE-CRAIG UNIT * CO		214.00T/H SEE N*	M	BOILER		
					NOX .50LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .20LB/MMBTU	B*
ID NUMBER KY-0009 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
BIG RIVERS ELECT.-D.B. W* KY C-80-41		4585.00MMBTU/H EA	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER TX-0136 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
LOWER COLORADO RIVER AUT* TX 9231-34		4735.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO 2627.70T/YR	B*
					HG .13T/YR	B*
					H2* 954.70T/YR	B*
					NOX 12350.20T/YR	B*
					PM 622.00T/YR	B*
					SO2 20736.90T/YR	B*
					VOC 168.20T/YR	B*
ID NUMBER AL-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL AL 071	4805.00MMBTU/H EA	N	BOILER, LIGNITE FIRED, 4	CO 470.00LB/H	B*
					2060.00T/YR	B*
					NOX 2883.00LB/H	N*
					12628.00T/YR	N*
					PM 144.00LB/H	N*
					631.00T/YR	N*
					SO2 3803.00LB/H	N*
					16658.00T/YR	N*
ID NUMBER KY-0025 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
LOUISVILLE GAS & ELECT. * KY C-78-34		4851.00MMBTU/H		HEAT EXCHANGER, INDIRECT	NOX .70LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						8924.00T/YR	
					PM	.10LB/MMBTU	
						1275.00T/YR	
					SO2	1.20LB/MMBTU	
						10790.00T/YR	
ID NUMBER KY-0024 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
LOUISVILLE GAS & ELECT. * KY C-79-53		4851.00MMBTU/H	N	HEAT EXCHANGER, INDIRECT	NOX	.70LB/MMBTU	
						8924.00T/YR	
					PM	.10LB/MMBTU	
						1275.00T/YR	
					SO2	1.20LB/MMBTU	
						10790.00T/YR	
ID NUMBER OK-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
GRAND RIVER DAM AUTHORITY OK PSD-OK-51		490.00MW	N	GENERATING STATION, COAL FIR*	PM	.10LB/MMBTU	
						513.10LB/H	
					SO2	1.20LB/MMBTU	
						6157.20LB/H	
ID NUMBER IN-0022 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
INDIANA STATEWIDE RURAL * IN EPA-5-77-A-7		490.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER MN-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
MINN. POWER & LIGHT CO.,* MN EPA-5-77-A-6		500.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER SC-0010 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
S.C. PUBLIC SERVICE AUTH* SC P/C-08-190		500.00MW		GENERATOR, #3	CO	.04LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.41LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER WY-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PACIFIC POWER & LIGHT	WY CT-23	5020.00MMBTU/H	N	BOILER, COAL	NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 .20LB/MMBTU 2H AV	B*
ID NUMBER OK-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
OKLAHOMA GAS & ELECT. CO. OK	(R)PSD-OK-218	5250.00MMBTU/H	M	GENERATING UNIT, COAL FIRED,*	CO .06LB/MMBTU	B*
					NOX .50LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .46LB/MMBTU	N*
ID NUMBER MD-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
DELMARVA POWER & LIGHT	MD 80MD01	1.20MMT/YR	M	BOILER & STORAGE PILES	PM .03LB/MBTU	B*
ID NUMBER TX-0005 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
HOUSTON LIGHTING & POWER	TX PSD-TX-33	550.00MW	N	GENERATOR, STEAM ELECTRIC, C*	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
					573.00LB/H	
ID NUMBER OK-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
OKLAHOMA GAS & ELECT. CO. OK	PSD-OK-57	550.00MW	M	BOILER, COAL FIRED	PM .10LB/MMBTU	
					212.00LB/H	
					SO2 1.20LB/MMBTU	
					6180.00LB/H	
ID NUMBER WY-0013 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
BASIN ELECTRIC POWER COO*	WY CT-36	5513.62MMBTU/H	N	BOILER, COAL	PM .10LB/MMBTU	N*
					SO2 .20LB/MMBTU	N*
				BOILER, COAL, 2 EA	PM .10LB/MMBTU	N*
					SO2 .20LB/MMBTU	N*
ID NUMBER NV-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NEVADA PWR CO.	NV NV-77-01	31250.00T/D	N	BOILER, COAL FIRED, 4	PM 11.40T/YR	
				BOILER, 4 EA	BE NONE	

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PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					CO	320.00LB/H	B*
						50.00PPM AT 20% EXC*	B*
					F	9.00LB/H	
					HG	NONE	
					H2*	13.00LB/H	
					NOX	2498.00LB/H	B*
						.44LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
						10.00% OPACITY	B*
					SO2	566.00LB/H	B*
						.10LB/MMBTU	B*
ID NUMBER TX-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SOUTHWESTERN PUBLIC SERV*	TX (R)PSD-TX-50	567.00MW	N	TURBINE, STEAM, COAL FIRED	PM	.10LB/MMBTU	
					SO2	508.80LB/H	
						1.20LB/MMBTU	
ID NUMBER MD-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
DELMARVA POWER & LIGHT	MD 80MD01	5702.00MMBTU/H	M	BOILER	CO	.04LB/MBTU	B*
					NOX	.60LB/MBTU	B*
						65.00% EMISSION RED*	B*
					SO2	.60LB/MBTU	B*
						70.00% EMISSION RED*	B*
					VE	20.00% OPACITY STACK	B*
					VOC	.01LB/MBTU	B*
ID NUMBER TX-0011 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
HOUSTON LIGHTING & POWER	TX PSD-TX-234	5729.00MMBTU/H	N	BOILER, COAL FIRED	CO	.06LB/MMBTU	
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.36LB/MMBTU	N*
ID NUMBER WI-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
WISCONSIN ELEC. POWER CO*	WI EPA-5-76-A-1	580.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 1.20LB/MMBTU COAL	N*
					.80LB/MMBTU OIL	N*
ID NUMBER FL-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
JACKSONVILLE ELECT. AUTH*	FL (R)PSD-FL-010	600.00MW	N	GENERATING UNIT, STEAM, 2 EA	NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .76LB/MMBTU	B*
ID NUMBER KY-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CINCINATI GAS & ELECTRIC*	KY C-82-072	6270.00MMBTU/H	M	UNIT #1	NOX .70LB/MMBTU	
					11550.00T/YR	
					PM .10LB/MMBTU	
					1650.00T/YR	
					SO2 .84LB/MMBTU	
					13860.00T/YR	
ID NUMBER ND-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
BASIN ELECTRIC POWER COO*	ND	6278.00MMBTU/H	N	BOILER	NOX 2825.00LB/H	B*
					.45LB/MMBTU	B*
					PM 188.00LB/H	N*
					.03LB/MMBTU	N*
					SO2 2637.00LB/H	B*
					.60LB/MMBTU	B*
					SO2 30.00% OF POTENT.	C*
ID NUMBER PA-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PENNSYLVANIA ELECT. CO.	PA 78PA13	6280.00MMBTU/H	N	BOILER, UTILITY, COAL FIRED	CO .04LB/MMBTU	N*
					NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .63LB/MMBTU	B*
ID NUMBER MO-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
KANSAS CITY POWER & LIGHT	MO	630.00MW	N	BOILER, PULV. COAL FIRED	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 1.20LB/MMBTU	B*
ID NUMBER KY-0030 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CINCINATI GAS & ELECTRIC*	KY C-82-072	6313.00MMBTU/H	M	UNIT #2	NOX .70LB/MMBTU	
					20790.00T/YR	
					PM .10LB/MMBTU	
					2970.00T/YR	
					SO2 1.20LB/MMBTU	
					35640.00T/YR	
ID NUMBER IN-0025 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
INDIANAPOLIS POWER & LIG*	IN EPA-5-A-80-8	650.00MW	N	BOILER, COAL FIRED, 3 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 .55LB/MMBTU	
ID NUMBER IA-0011 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
IOWA ELECTRIC LIGHT & PO*	IA	400.00T/H COAL	N	BOILER, COAL FIRED	NOX .50LB/MMBTU 30D R*	B*
					PM .03LB/MMBTU	
					SO2 .60LB/MMBTU DAILY*	B*
					VE 20.00% OPACITY	B*
ID NUMBER NE-0003 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NE PUBLIC POWER DIST./GE*	NE	650.00MW	N	BOILER, STEAM GENERATION, CO*	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER NE-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NEBRASKA PUBLIC POWER DI*	NE	650.00MW		BOILER	CO 50.00PPM	
					NOX .50LB/MMBTU 30D AV	
					PM .03LB/MMBTU	
					SO2 70.00% REMOVAL	
					.38LB/MMBTU 30D AV	
ID NUMBER MO-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
ASSOC. ELECT. COOP., INC.	MO	6588.00MMBTU/H	M	BOILER, PULV. COAL FIRED, UN*	NOX .70LB/MMBTU	N*

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					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
ID NUMBER KY-0027	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
KENTUCKY UTILITIES -	HAN* KY C-82-123	6650.00MMBTU/H	N	UNIT #1	CO 1397.00T/YR	
					NOX .60LB/MMBTU	
					17476.00T/YR	
					PM .03LB/MMBTU	
					874.00T/YR	
					SO2 1.20LB/MMBTU	
					15768.00T/YR	
				UNIT #2	CO 1397.00T/YR	
					NOX .60LB/MMBTU	
					17476.00T/YR	
					PM .03LB/MMBTU	
					874.00T/YR	
					SO2 1.20LB/MMBTU	
					15768.00T/YR	
ID NUMBER KY-0018	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
EAST KENTUCKY POWER COOP.	KY C-76-46	6760.00MMBTU/H	M	BOILER, PULV. COAL FIRED, DR*		
					NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
ID NUMBER KY-0003	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
E. KENTUCKY POWER CORP.	KY C-80-67	6760.00MMBTU/H EA	N	BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	B*
ID NUMBER TX-0015	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					

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PROCESS CODE 1.1

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SW ELECT. POWER	TX	6780.00MMBTU/H	N	BOILER, COAL FIRED, #1	CO	.13LB/MMBTU 892.00LB/H UNCONTROL*	
					NOX	.60LB/MMBTU 4068.00LB/H UNCONTROL*	
					PM	203.00LB/H UNCONTROL*	
					SO2	.03LB/MMBTU .72LB/MMBTU 4882.00LB/H UNCONTROL*	
				BOILER, COAL FIRED, #2	CO	.13LB/MMBTU 892.00LB/H UNCONTROL*	
					NOX	.60LB/MMBTU 4068.00LB/H UNCONTROL*	
					PM	203.00LB/H UNCONTROL*	
					SO2	.03LB/MMBTU .72LB/MMBTU 4882.00LB/H UNCONTROL*	
ID NUMBER TX-0009 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
CENTRAL POWER & LIGHT	TX (R)PSD-TX-365	6781.00MMBTU/H	M	BOILER, COAL FIRED	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.39LB/MMBTU	N*
ID NUMBER TX-0012 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
WEST TEXAS UTILITIES CO.	TX 9015	6.80MMMBTU/H	N	GENERATOR, STEAM	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	N*
ID NUMBER TX-0010 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SW ELECT. POWER	TX (R)PSD-TX-130	6821.00MMBTU/H	N	BOILER, 2 EA	CO	.10LB/MMBTU	B*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.90LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER IA-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
IOWA-ILLINOIS GAS & ELEC*	IA	7000.00MMBTU/H	N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.86LB/MMBTU 24H AV	B*
						1.05LB/MMBTU 3H AV	B*
ID NUMBER KS-0010 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
KANSAS POWER & LIGHT CO.	KS	720.00MW EA	M	BOILER, COAL FIRED, #3 & 4	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER LA-0002 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SW ELECT. POWER	LA (R)PSD-LA-117	720.00MW	M	BOILER, COAL FIRED	CO	.80LB/MMBTU	B*
				BOILER, COAL FIRED	CO	.80LB/MMBTU	B*
				BOILER, COAL FIRED	NOX	.60LB/MMBTU	N*
				BOILER, COAL FIRED	NOX	.60LB/MMBTU	N*
				BOILER, COAL FIRED	PM	.10LB/MMBTU	B*
				BOILER, COAL FIRED	PM	.03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2	1.20LB/MMBTU	N*
				BOILER, COAL FIRED	SO2	.60LB/MMBTU	N*
ID NUMBER TX-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SW ELECT. POWER	TX PSD-TX-64	720.00MW	M	GENERATOR, STEAM, COAL FIRED	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
						682.00LB/H	
ID NUMBER UT-0009 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
INTERMOUNTAIN PWR PROJEC*	UT	3000.00MW	N	BOILER, 4	CO	1248.00LB/H	B*
					NOX	.55LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.15LB/MMBTU	B*
					VE	20.00% OPACITY	
					VOC	375.00LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER NV-0010 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
WHITE PINE POWER PROJECT	NV 996 THRU 1007	750.00MW	N	BOILER, 2 EA	CO	383.00LB/H	N*
					F	24.00LB/H	N*
					HG	.05LB/H	N*
						.01G/SEC	N*
					H2*	35.60LB/H	N*
					NOX	.55LB/MMBTU, BIT.*	N*
						.45LB/MMBTU, SUB.*	N*
					PM	.02LB/MMBTU	B*
						160.90LB/H	B*
					SO2	.19LB/MMBTU	B*
						1490.00LB/H	B*
					VE	20.00% OPACITY	
ID NUMBER AR-0001 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
ARKANSAS PWR & LT CO.	AR PSD-AR-48	800.00MW	N	GENERATOR, STEAM, COAL FIRED	PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU	N*
ID NUMBER MN-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
NORTHERN STATE POWER CO.*	MN EPA-5-77-A-2	800.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER UT-0021 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
UTAH PWR & LT CO-HUNTER *	UT	860.00MW	M	BOILER #4	NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.12LB/MMBTU	B*
					VE	20.00% OPACITY	
ID NUMBER TX-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL							
SANDOW STEAM ELECT. STAT*	TX PSD-TX-28	890.00MW	M	BOILER, LIGNITE FIRED	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
						6827.00LB/H	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER MA-0006 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NEW ENGLAND POWER CO., B*	MA APPR. LTR 10-0*	10625.00MMBTU/H	M	COAL COMBUSTION		
					PM .08LB/MMBTU	R*
					S 1.21LB/MMBTU MONTH*	R*
					2.31LB/MMBTU DAILY*	R*
ID NUMBER KY-0004 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
KENTUCKY POWER - CARR'S *	KY C-80-42	11943.00MMBTU/H EA	N	BOILER, POWER	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .60LB/MMBTU	B*
ID NUMBER IN-0023 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
INDIANA & MICHIGAN ELEC.*	IN EPA-5-78-A-1	1300.00MW	N	BOILER, COAL FIRED, 2 EA	PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
(1) ID NUMBER IA-0007 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
IA SOUTHERN UTILITIES (C*	IA		N	BOILER, STEAM GENERATION, CO*	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
(1) ID NUMBER WA-0008 SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
WASHINGTON WATER POWER C*	WA (R)PSD-X-83-01		N	BOILER, CGS	BE .02LB/H ANNUAL AV	
					CO 332.00LB/H	
					F 1.15LB/H ANNUAL AV	
					HG .03LB/H ANNUAL AV	
					H2* 80.90LB/H ANNUAL AV	
					NOX .50LB/MMBTU SB. C*	
					.60LB/MMBTU BIT. *	
					PB .27LB/H ANNUAL AV	
					PM .03LB/MMBTU	
					SO2 .22LB/MMBTU 30D R*	
					1140.00LB/H 24H D AV	
					VE 20.00% OPACITY	
					VOC 3.32LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
(1) ID NUMBER KY-0012	SOURCE TYPE - 6.62 OTHER CHEMICAL					
B.F. GOODRICH CHEM. GROUP	KY KY-091		M	BOILER, COAL FIRED	PM .03LB/MMBTU	
					SO2 1.00LB/MMBTU	
(1) ID NUMBER IN-0007	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL					
GRIFFIN INDUSTRIES	IN			BOILER, COAL FIRED	NOX 183.00T/YR	

PROCESS CODE -- 1.2

ID NUMBER FL-0012	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING					
OSCEOLA FARMS CO.	FL FL-0012	1.10BBL/H #6 *	N	BOILER, #6 OIL	PM .10LB/MMBTU INPUT	B*
					SO2 1.00% MAX S OIL	B*
					VE 30.00% OPACITY	B*
					VOC 2.00LB/T	S*
ID NUMBER UT-0024	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)					
PARAHO DEVELOPMENT CORP.	UT	14.50MMBTU/H #*	N	BOILER, PACKAGE	CO 5.00LB/MGAL	
					NOX 22.00LB/MGAL	
					PM 2.00LB/MGAL	
					SO2 .50% S CONTENT	
					VOC 1.00LB/MGAL	
ID NUMBER FL-0011	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING					
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	3.13BBL/H #6 *	N	BOILER, #6 OIL	SO2 1.00% S OIL	B*
					VE 30.00% OPACITY	
ID NUMBER CA-0113A	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL					
BERRY HOLDING CO.	CA SEE NOTE	31.50MMBTU/H	M	GENERATOR, STEAM	NOX .20LB/MMBTU	B*
					6.26LB/H	B*
				GENERATOR, STEAM	NOX .20LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						6.26LB/H	B*
					SO2	2.24LB/H	B*
						.05LB/MMBTU	B*
ID NUMBER DE-0004	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
A.I. DUPONT INSTITUTE	DE (R)79-DE-01	37.50MMBTU/H	M	BOILER, 3	CO	2.50LB/H	B*
					NOX	30.00LB/H	B*
					PM	.58LB/H	B*
					SO2	66.70LB/H	B*
					VOC	.50LB/H	B*
ID NUMBER OH-0022	SOURCE TYPE - 8.5 IRON & STEEL PRODUCTION						
TIMKEN CO.	OH 1576051246	40.00MMBTU/H	N	BOILER, 3 EA	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
ID NUMBER CA-0116B	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
PETRO-LEWIS CORP.	CA SJ 83-09	50.00MMBTU/H	N	BOILER, 5, EA	NOX	.12LB/MMBTU	L*
					SO2	.05LB/MMBTU	B*
ID NUMBER CA-0037	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	390.00GAL/H	M	BOILER, 9 EA	PM	3.60LB/H	L*
					SO2	18.80LB/H	B*
ID NUMBER GA-0013	SOURCE TYPE - 4.12 GRAPHIC ARTS						
W.F. HALL PRINTING CO.	GA 2754-036-8480	60.00MMBTU/H	N	BOILER, 2	PM	.10LB/MMBTU	N*
					SO2	246.00LB/H	N*
						.80LB/MMBTU	N*
ID NUMBER MA-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
NATICK PAPERBOARD	MA 24-119-MA-13	60.13MMBTU/H	M	BOILER, OIL FIRED REPLACEMENT	PM	.10LB/MMBTU	
					SO2	145.94LB/H	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER CA-0069	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
ANGUS PETROTECH	CA 4132002-004	62.50MMBTU/H	N	BOILER, OIL FIRED	NOX	199.00LB/D	
					SO2	61.40LB/D	
ID NUMBER CA-0113A	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
BERRY HOLDING CO.	CA SEE NOTE	62.50MMBTU/H	M	GENERATOR, STEAM, OIL FIRED	NOX	7.50LB/H	B*
				GENERATOR, STEAM, OIL FIRED	NOX	7.50LB/H	B*
					SO2	4.45LB/H	B*
ID NUMBER NC-0034	SOURCE TYPE - 6.54 SYNTHETIC FIBERS						
ALLIED CORP.	NC 2657R5	64.20MMBTU	M	BOILER, #6 FUEL OIL	NOX	.40LB/MMBTU	
					PM	.12LB/MMBTU	
					SO2	1.60LB/MMBTU	
ID NUMBER TX-0074	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	77.00MMBTU/H EA	M	BOILER, OIL, 3	CO	2.70LB/H EA	B*
						.04LB/MMBTU	B*
					NOX	32.10LB/H EA	B*
						.42LB/MMBTU	B*
ID NUMBER MD-0013	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
HOOKER CHEMICAL & PLASTI*	MD 78MD07	81.90MMBTU/H	M	BOILER, OIL FIRED	SO2	355.10LB/H	B*
ID NUMBER GA-0002	SOURCE TYPE - 6.62 OTHER CHEMICAL						
PROCTOR & GAMBLE	GA GA 008	87.50MMBTU/H	N	BOILER	SO2	1.00% S OIL	
ID NUMBER IA-0003	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
AM. MODERN FOOD ENERGY S*	IA	94.50MMBTU/H	N	BOILER, OIL/GAS, 2 EA	NOX	.25LB/MMBTU OIL	B*
						.20LB/MMBTU NAT G*	B*
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	B*
ID NUMBER GA-0003	SOURCE TYPE - 6.55 SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM	.16LB/MMBTU	B*

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PROCESS CODE 1.2

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER VA-0007 SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES							
ANHEUSER-BUSCH, INC.	VA 79VA15	98.00MMBTU/H	N	BOILER			
					SO2	1.07LB/MMBTU	B*
ID NUMBER TX-0080 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
PROCTOR & GAMBLE PAPER P*	TX PSD-TX-89	100.00MMBTU/H	N	GENERATOR, STEAM	NOX	30.00LB/H	
					PM	6.90LB/H	
					SO2	75.90LB/H	
ID NUMBER NC-0012 SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL							
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H EA	N	BOILER	SO2	1.30LB/MMBTU	B*
ID NUMBER CA-0007 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
TOSCO CORP.	CA (R)SJ-78-26	92700.00LB/H	M	BOILER, CO	CO	45.70LB/H	L*
					NOX	41.00LB/H	B*
					SO2	.50% S FUEL	L*
ID NUMBER LA-0035 SOURCE TYPE - 6.62 OTHER CHEMICAL							
ALLIED CHEMICAL CORP.	LA (R)PSD-LA-104	131.00MMBTU/H	M	BOILER	NOX	.30LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.07LB/MMBTU	B*
					VOC	.01LB/MMBTU	B*
ID NUMBER OH-0071 SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
DELCO MORAINE DIV., GMC	OH 08-654	144.00MMBTU/H	M	BOILER, OIL FIRED	PM	.08LB/MMBTU	B*
					SO2	1.30LB/MMBTU	S*
					VE	5.00% OPACITY	B*
ID NUMBER ME-0006 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
NEW ENGLAND ETHANOL, INC.	ME 2191	175.00MMBTU/H	N	BOILER, #2 OIL			
ID NUMBER IN-0001 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
NEW ENERGY CORP.	IN EPA-5-A-82-1	176.00MMBTU/H	N	BOILER, OIL FIRED	NOX	.60LB/MMBTU	

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					PM	.02LB/MMBTU	L*
					SO2	.31LB/MMBTU	
ID NUMBER TX-0013	SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL						
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-209	185.0MMBTU/H	N	BOILER, 2 EA	NOX	.30LB/MMBTU	B*
						55.00LB/H	B*
					PM	.10LB/MMBTU	B*
						18.35LB/H	B*
					SO2	.50LB/MMBTU	B*
						92.10LB/H	B*
ID NUMBER NY-0003	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
NY STATE ELECT. & GAS - * NY		195.00MMBTU/H	N	BOILER, AUXILIARY, 2			
ID NUMBER LA-0030	SOURCE TYPE - 6.62 OTHER CHEMICAL						
SHELL CHEMICAL CO.	LA	198.50MMBTU/H EA	N	BOILER, 2 TEMPORARY	CO	.03LB/MMBTU	B*
						6.53LB/H EA	B*
					NOX	.30LB/MMBTU	B*
						59.60LB/H EA	B*
					PM	.10LB/MMBTU	B*
						19.90LB/H EA	B*
					SO2	.75LB/MMBTU	B*
						148.90LB/H EA	B*
ID NUMBER AL-0004	SOURCE TYPE - 8.17 LEAD OXIDE AND PIGMENT PRODUCTION						
DEGUSSA CHEM CORP.	AL AL 072	205.68MMBTU/H	M	BOILER, HEAT, FUEL OIL/NAT G*	NOX	.40LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER NC-0021	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
CRANSTON PRINT WORKS	NC NC-030	243.00MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER FL-0010 SOURCE TYPE - 7.8 SUGAR CANE PROCESSING							
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H STEAM	N	BOILER, BAGASSE/RESIDUE, #8 *	PM	.10LB/MMBTU	B*
					SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	B*
					VOC	SEE NOTE	L*
ID NUMBER FL-0022 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
PORT ST. JOE	FL FL-075	756.00MMBTU/H	N	BOILER, OIL FIRED	CO	25.20LB/H	N*
					NOX	226.80LB/H	N*
					PM	75.60LB/H	N*
					SO2	604.80LB/H	N*
(1) ID NUMBER IN-0024 SOURCE TYPE - 1.2 EXTERNAL COMBUSTION - OIL							
NORTHERN INDIANA PUBLIC *	IN EPA-5-79-A-25		N	GENERATOR, OIL FIRED, 2	NOX	75.00PPM	
(1) ID NUMBER NC-0009 SOURCE TYPE - 6.55 SYNTHETIC RUBBER/RUBBER TIRES							
FIRESTONE TIRE CO.	NC NC-024		N	BOILER	SO2	106.00LB/H	B*
(1) ID NUMBER NC-0010 SOURCE TYPE - 6.62 OTHER CHEMICAL							
MEREDITH/BURDA, INC.	NC NC-064	3366.00LB/H PAPER	N	BOILER	PM	4.00LB/H	B*
(1) ID NUMBER WI-0020 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
A.O. SMITH CORP.	WI ATT-03-80-41-0*		M	BOILER	PM	.15LB/MMBTU	

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ID NUMBER CA-0149 SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION							
ROCKWELL INTERNAT. MICRO*	CA 1291	50.00HP	N	BOILER, GAS FIRED	NOX	.04LB/H	
						.18T/YR	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER OK-0006	SOURCE TYPE - 5.16 PETROLEUM INDUSTRY -- OTHER						
COLORADO INTERSTATE GAS	OK (R)PSD-OK-358	2.60MMBTU/H	N	BOILER	CO	.05LB/H	B*
					NOX	.32LB/H	B*
					PM	.01LB/H	B*
					SO2	.00LB/H	B*
ID NUMBER CO-0013	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
RIO BLANCO OIL SHALE-#1	CO	5.00MMBTU/H	M	HEATER	NOX	1.00LB/H	B*
ID NUMBER MS-0003	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
SOUTHERN NAT. GAS	MS (R)PSD-MS-036	14000.00CF/H N. G.	M	ENGINE, NAT GAS	CO	10.50LB/H	N*
						46.20T/YR	N*
					NOX	37.40LB/H	N*
						163.90T/YR	N*
ID NUMBER TX-0081	SOURCE TYPE - 9.8 GLASS FIBER MANUFACTURING						
PPG INDUSTRIES, INC.	TX (R)PSD-TX-290	20.92MMBTU/H	N	BOILER, 2	NOX	4.80LB/H	B*
						.23LB/MMBTU	B*
					PM	.30LB/H	
						.01LB/MMBTU	
					SO2	.01LB/H	B*
						.00LB/MMBTU	B*
ID NUMBER WY-0014	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
EXXON CO., USA	WY CT-544	26.00MMBTU/H	N	BOILER, 3 EA	NOX	.17LB/MMBTU	B*
ID NUMBER WY-0016	SOURCE TYPE - 7.6 FERTILIZER PLANTS						
WYCON CHEMICALS	WY CT-564	26.00MMBTU/H	M	BOILER, AMMONIA PLT	NOX	.23LB/MMBTU	S*
				BOILER, UREA PLT	NOX	.23LB/MMBTU	S*
ID NUMBER TX-0024	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	35.00MMBTU/H	N	BOILER, AUXILIARY, NAT GAS F*	NOX	.00LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ID NUMBER WY-0011	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS					
CIG	WY CT-58	48.40MMBTU/H	N	BOILER, GAS, 2	NOX .20LB/MMBTU	S*
ID NUMBER TX-0079A	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE					
SHINTECH, INC.	TX (R)PSD-TX-327	55.00MMBTU/H	M	BOILER, STEAM	NOX .12LB/MMBTU	B*
				BOILER, STEAM	NOX .12LB/MMBTU	B*
ID NUMBER TX-0079	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE					
SHINTECH, INC.	TX PSD-TX-285	55.00MMBTU/H EA	M	BOILER, 2	PM .30LB/H	
ID NUMBER WY-0008	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS					
AMOCO PRODUCTION CO.	WY CT-272	65.50MMBTU/H	N	BOILER, GAS, 2 EA	NOX .20LB/MMBTU	B*
ID NUMBER LA-0031	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION					
HILL PETROLEUM CO.	LA (R)PSD-LA-286A	78.15MMBTU/H	M	BOILER	CO 4.00LB/MMBTU GAS	
					1.50LB/MMBTU PROPA*	
					NOX .10LB/MMBTU GAS	
					.11LB/MMBTU PROPA*	
ID NUMBER CA-0122	SOURCE TYPE - 3.1 NATURAL GAS TURBINES					
GILROY ENERGY CO.	CA SFB 84-04	90.00MMBTU/H	N	BOILER, AUXILIARY, 2	NOX 40.00PPMDV AT 3% O2	
ID NUMBER IL-0020	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION					
ARCHER DANIELS MIDLAND	IL 81 07 0035	90.00MMBTU/H	M	BOILER, NAT GAS FIRED	NOX .17LB/MMBTU	
ID NUMBER WY-0009	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS					
CHEVRON USA, INC.	WY CT-297	93.80MMBTU/H		BOILER, GAS, 6 EA	NOX .20LB/MMBTU	B*
ID NUMBER TX-0037	SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE					
TEX-USS	TX (R)PSD-TX-336	99.00MMBTU/H	M	BOILER, STEAM	NOX .11LB/MMBTU	B*
				BOILER, STEAM	NOX .11LB/MMBTU	B*
ID NUMBER WY-0015	SOURCE TYPE - 7.6 FERTILIZER PLANTS					

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.3

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CHEVRON CO., USA	WY CT-550	105.60MMBTU/H	N	BOILER, 2 EA	NOX	.20LB/MMBTU	S*
ID NUMBER CA-0097 SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING							
STANISLAUS FOOD PRODUCT *	CA 3-019-04	125000.00LB/H STEAM	N	BOILER, STEAM, NAT GAS	NOX	65.00PPM AT 3% O2	L*
ID NUMBER CO-0013 SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)							
RIO BLANCO OIL SHALE-#1	CO	198.00MMBTU/H	M	BOILER, 2	NOX	39.60LB/H	B*
ID NUMBER WV-0003 SOURCE TYPE - 6.62 OTHER CHEMICAL							
PPG INDUSTRIES, INC.	WV 79WV06	243.00MMBTU/H	M	BOILER	NOX	.70LB/MBTU	B*
ID NUMBER LA-0014 SOURCE TYPE - 6.62 OTHER CHEMICAL							
BASF WYANDOTTE CO.	LA	303.00MMBTU/H	M	BOILER, STEAM	NOX	36.40LB/H	B*
						.12LB/MMBTU	B*
(1) ID NUMBER MI-0013 SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS							
CONSUMERS POWER CO.	MI 99-81	175.00MLB/H	N	BOILER, NAT GAS, 3 EA	NOX	.20LB/MMBTU	
(1) ID NUMBER TN-0004 SOURCE TYPE - 4.2 SURFACE COATING - PAPERS/FABRICS							
INTERNAT. LABEL MFG. FAC.	TN PSD-TN-060		N	BOILER, NAT GAS, 3 EA	SO2	152.88T/YR	B*

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ID NUMBER NC-0031 SOURCE TYPE - 4.4 SURFACE COATING - METAL FURNITURE							
KINCAID FURNITURE CO., I*	NC 5276	11.60MMBTU	M	BOILER, WOOD WASTE, 2			
ID NUMBER NC-0022 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
CROWN WOOD PRODUCTS	NC 4819	22.30MMBTU/H	M	BOILER, WOOD FIRED	VOC	917.00T/YR	B*
ID NUMBER ME-0004 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							

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PROCESS CODE 1.4

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
LOUISIANA-PACIFIC CORP.	ME	24.60MMBTU/H	N	BOILER, WOOD, #1	PM	.15LB/MMBTU	B*
				BOILER, WOOD, #2	PM	.15LB/MMBTU	B*
ID NUMBER TX-0145	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
TEXAS ELECTRIC COOP.,INC.	TX 9369	35.00MMBTU/H	N	BOILER	CO	1.10LB/MMBTU	B*
					NOX	.08LB/MMBTU	B*
					PM	.30LB/MMBTU	B*
					SO2	.20LB/MMBTU	B*
					VOC	.20LB/MMBTU	B*
ID NUMBER ME-0004	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
LOUISIANA-PACIFIC CORP.	ME	36.40MMBTU/H	N	DRYER, WOOD FIRED, #1	PM	1.84LB/T WAFER BD	B*
				DRYER, WOOD FIRED, #2	PM	1.84LB/T WAFER BD	B*
ID NUMBER FL-0029A	SOURCE TYPE - 3.1 NATURAL GAS TURBINES						
KISSIMMEE UTILITIES	FL AC 49-74856	41.70MMBTU/H	N	BOILER, WASTE HEAT	SO2	.50LB/MMBTU	
ID NUMBER ID-0001	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
CO-GEN., INC.	ID (R)PSD-X81-16	6.00MW	N	BOILER	CO	.22LB/MMBTU	B*
						117.60T/YR	B*
					NOX	.17LB/MMBTU	B*
						88.20T/YR	B*
					PM	.03LB/MMBTU	
						16.60T/YR	
					VOC	.08LB/MMBTU	B*
						117.60T/YR	B*
ID NUMBER ME-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
J.M. HUBER CORP.	ME	84.00MMBTU/H	N	BOILER, WOOD	PM	.12LB/MMBTU	B*
					SO2	100.00LB/H	B*
						1000.00LB/D	B*
					SO2	50.00T/YR	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER ID-0005 SOURCE TYPE - 10.4 PLYWOOD PLANTS							
EVERGREEN FOREST PRODUCTS ID		88.00MMBTU/H	N	BOILER, WOOD FIRED	CO	17.56LB/H SEE NOTE	
					NOX	17.56LB/H SEE NOTE	
					PM	21.22LB/H	
ID NUMBER GA-0010 SOURCE TYPE - 7.9 FATS/VEGETABLE OILS							
GOLD KIST INC., GOLD KIS*	GA 2075-092-8088-C	95.00MMBTU/H	M	BOILER, WELLON TYPE A	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
ID NUMBER CA-0141 SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE							
SUPERIOR FARMING CO.	CA 3032006A	100.00MMBTU/H	M	BOILER, 4-CELL COMBUSTION	NOX	.07LB/MMBTU	L*
				BOILER, 4-COMBUSTION CELL	NOX	.17LB/MMBTU	L*
ID NUMBER ID-0001A SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE							
CO-GEN., INC.	ID	104.00MMBTU/H	N	BOILER, WOOD FIRED	CO	5.90LB/H	
					NOX	19.00LB/H	
					PM	3.95LB/H	
ID NUMBER CA-0040 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
HUDSON LUMBER CO.	CA 81-PO-17	90000.00LB/H STEAM	N	BOILER	CO	2.00LB/T FUEL	
					NOX	30.00LB/H 8H AV	
					PM	.04GR/DSCF	
ID NUMBER TX-0057 SOURCE TYPE - 10.4 PLYWOOD PLANTS							
KIRBY FOREST INDUSTRIES	TX (R)PSD-TX-280	70000.00LB/H	M	BOILER, FBD WOOD WASTE FIRE	PM	10.70LB/H	
ID NUMBER NC-0002 SOURCE TYPE - 10.3 HARDBOARD							
ABI TIBI CORP.	NC NC 076	120000.00LB/H STEAM	M	BOILER, WOOD FIRED	CO	44.04LB/H	N*
						192.90T/YR	N*
					NOX	35.23LB/H	N*
						154.30T/YR	N*
					PM	.10LB/MMBTU	N*
					SO2	33.03LB/H	
						145.00T/YR	

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PROCESS CODE 1.4

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER WY-0003	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
AFTON GENERATING CO.	WY CT-483	155.62MMBTU/H	N	BOILER, WOOD & BARK WASTE	CO	.44LB/MMBTU	B*
					NOX	.24LB/MMBTU	B*
					PM	.05GR/DSCF AT 12%*	B*
						.10LB/MMBTU	B*
					VOC	.09LB/MMBTU	B*
ID NUMBER CA-0077	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
ULTRASYSTEMS	CA HAC-129	162.00MMBTU/H	N	BOILER, WOOD WASTE	PM	.05LB/MMBTU	
ID NUMBER CA-0071	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
IMOTEK, INC.	CA 6889	162.20MMBTU/H	N	BOILER	NOX	130.00PPMV AT 3% O2	
				BOILER	PM	.02GR/DSCF	
ID NUMBER SC-0005	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	172.00MMBTU/H	N	BOILER, BARK/WOODWASTE	NOX	1.19LB/MMBTU	B*
						205.00LB/H	B*
					PM	.25LB/MMBTU	B*
						43.00LB/H	B*
ID NUMBER CA-0083	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
COLLINS PINE CO.	CA SAC 84-02	140000.00LB/H STEAM		BOILER #4	CO	.35LB/MMBTU	
						84.80LB/H	
					NOX	.20LB/MMBTU	
						48.50LB/H	
					PM	9.70LB/H	
					VE	10.00% OPACITY	
ID NUMBER CA-0039	SOURCE TYPE - 10.4 PLYWOOD PLANTS						
ULTRASYSTEMS INC.	CA 82-PO-32	150000.00LB/H STEAM	N	BOILER	CO	126.00T/YR	
					NOX	139.00T/YR	
					PM	.04GR/DSCF	
					SOX	21.00T/YR	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VOC	55.00T/YR	
ID NUMBER AR-0005	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	AR PSD-AR 317	211.20MMBTU/H	M	BOILER, WOOD FIRED	CO	24.00LB/H	N*
						.11LB/MMBTU	N*
					NOX	26.00LB/H	B*
						.12LB/MMBTU	B*
ID NUMBER CA-0124	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
FAIRHAVEN POWER CO.	CA NC 84-03	225.60MMBTU/H	N	BOILER, WOOD FIRED	CO	.35LB/MMBTU	
					NOX	.20LB/MMBTU	
					PM	.05LB/MMBTU	
					VOC	.07LB/MMBTU	
ID NUMBER CA-0070	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
HAYFORK COGENERATION PRO*	CA TAC-012	236.00MMBTU/H	N	BOILER, WOOD WASTE	CO	.35LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.04LB/MMBTU	
					VOC	.07LB/MMBTU	
ID NUMBER LA-0041	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	LA (R)PSD-LA-0041	272.00MMBTU/H	M	BOILER, WOOD FIRED	CO	25.00LB/H	B*
						.09LB/MMBTU	B*
					NOX	26.70LB/H	B*
						.10LB/MMBTU	B*
					PM	24.70LB/H	B*
						.01LB/MMBTU	B*
ID NUMBER NC-0007	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
GEORGIA-PACIFIC CORP.	NC NC-061	165000.00LB/H	N	BOILER, WOOD WASTE & DRYER, *	PM	246.00T/YR	B*
ID NUMBER CA-0066	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
APPLIED POWER TECHNOLOGY	CA SAC 83-02	307.10MMBTU/H	N	BOILER, 2	NOX	35.40LB/H	
					PM	11.90LB/H	

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ID NUMBER NY-0007	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION						
PROCTOR & GAMBLE	NY	360.00MMBTU/H	N	BOILER	CO	.22LB/MMBTU	
					PM	.10LB/MMBTU	B*
						.05GR/DSCF	B*
ID NUMBER WA-0001	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
PANORAMA ENERCORP, INC	WA (R)PSD-X81-15	37.00MW	N	BOILER	CO	107.30LB/H	B*
					NOX	.17LB/MMBTU	B*
					PM	.01GR/DSCF 12% CO2	
					VOC	36.50LB/H	
ID NUMBER CA-0118	SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE						
ULTRASYSTEMS INC.	CA 55-8986	370.00MMBTU/H		BOILER, FLUID BED, WOOD FIRED	CO	.15LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	.14LB/MMBTU	
					VOC	.10LB/MMBTU	
ID NUMBER KY-0039	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WILLAMETTE INDUSTRIES, I*	KY C-80-24	400.00MMBTU/H	M	BOILER, WOOD WASTE	NOX	.70LB/MMBTU NOTE#1	B*
					PM	.04GR/DSCF	B*
					SO2	.32LB/MMBTU	B*
ID NUMBER KY-0001	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WILLAMETTE INDUSTRIES, I*	KY KY-146	400.00MMBTU/H	N	BOILER, WOOD WASTE	NOX	.40LB/MMBTU	B*
					PM	.04GR/DSCF	B*
					SO2	.32LB/MMBTU	B*
ID NUMBER AL-0007	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ALABAMA KRAFT	AL PSD-AL-067	436.00MMBTU/H	M	BOILER, WOOD WASTE	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
ID NUMBER KY-0033 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
WESTVACO CORP. - FINE PA*	KY C-77-123	463.00MMBTU/H	M	BOILER, BARK	NOX	.30LB/MMBTU LIQ. *	N*
						.70LB/MMBTU SOLID*	N*
					PM	.10LB/MMBTU	B*
						46.30LB/H	B*
					SO2	1.20LB/MMBTU SEE N*	B*
						469.60LB/H	B*
ID NUMBER CA-0052 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
LOUISIANA-PACIFIC BOILER	CA 27440	477.00MMBTU/H	N	BOILER, WOOD WASTE FIRED	PM	17.00LB/H	B*
ID NUMBER FL-0004 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
ST REGIS PAPER CO.	FL PSD-FL-041	666.00MMBTU/H	M	BOILER, BARK FIRED, #4	PM	.10LB/MMBTU	N*
					SO2	.64LB/MMBTU	N*
ID NUMBER VT-0002 SOURCE TYPE - 1.4 EXTERNAL COMBUSTION - WOOD WASTE							
MCNEIL GENERATING STATION	VT	670.00MMBTU/H	N	FURNACE, WOOD FIRED	PM	.01LB/MMBTU	
						.01GR/DSCF AT 12%*	
ID NUMBER FL-0022 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, BARK	CO	25.20LB/H	N*
					NOX	264.00LB/H	N*
					PM	88.21LB/H	N*
					SO2	705.70LB/H	N*
(1) ID NUMBER CA-0021 SOURCE TYPE - 2.3 OTHER SOLID WASTE DISPOSAL							
WATSON ENERGY SYS, INC.	CA (R)LA 77-02	1440.00T/D	N	GENERATING UNIT, STEAM, WAST*	NOX	83.00LB/H	L*
					PM	4.00LB/H	L*
					SO2	64.00LB/H	L*
(1) ID NUMBER AR-0010 SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS							
INTERNATIONAL PAPER CO.	AR PSD-463AR-1		M	BOILER, WOOD WASTE, #1 & #2	CO	200.00LB/H, EA	
					PM	25.00LB/H, EA	

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PROCESS CODE 1.4 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PROCESS CODE -- 1.5							
ID NUMBER TX-0055	SOURCE TYPE - 9.3 REFRACTORIES						
JOHN MANSVILLE SALES CORP	TX PSD-TX-263	3.10MMBTU/H EA		BOILER, 2	PM	.06LB/H	
ID NUMBER OH-0025	SOURCE TYPE - 6.62 OTHER CHEMICAL						
FERRO CHEMICAL DIV OF FE*	OH 13-956	3.12MMBTU/H	N	BOILER	PM	.17LB/H .05LB/MMBTU	
ID NUMBER CA-0061	SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING						
SNACK FOODS PLANT	CA SEE NOTE	10.00MMBTU/H	N	BOILER	NOX	100.00PPM AT .3% O2 .94LB/H	
					PM	.15LB/H	
					SO2	2.50LB/H	
ID NUMBER TX-0144	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
INTERNATIONAL PAPER CO.	TX 14163	14.60MMBTU/H	N	BOILER, PACKAGE	CO	.03LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.22LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
ID NUMBER TX-0093	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL						
HTC INDUSTRIES	TX 8710	500.00HP	N	BOILER, GAS/OIL FIRED, 2	CO	3.30LB/H	
					NOX	.30LB/H	
					PM	.75LB/H	
					SO2	5.40LB/H	
ID NUMBER TX-0016	SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE						
GULF OIL CHEMICALS	TX (R)PSD-TX-299	49.00MMBTU/H EA	N	BOILER, 4 EA	NOX	.30LB/MMBTU OIL	B*

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PROCESS CODE 1.5

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					.12LB/MMBTU GAS	B*
					PM .02LB/MMBTU OIL	B*
					.01LB/MMBTU GAS	B*
					SO2 .75LB/MMBTU OIL	B*
					TRACE GAS	B*
ID NUMBER LA-0016 SOURCE TYPE - 6.62 OTHER CHEMICAL						
AIRCO SPEER CARBON GRAPH*	LA LA-283	56.20MMBTU/H	N	BOILER, CALCINER, GAS/OIL	CO 5.70LB/H	B*
					PM 5.70LB/H	B*
					SO2 171.60LB/H	B*
ID NUMBER CA-0061 SOURCE TYPE - 7.11 FRUITS/VEGETABLES PROCESSING						
SNACK FOODS PLANT	CA SEE NOTE	72.00MMBTU/H	N	BOILER	NOX 100.00PPM AT .3% O2 .94LB/H	
				BOILER	NOX 100.00PPM AT .3% O2 .94LB/H	
				BOILER	PM 1.00LB/H	
				BOILER	PM 1.00LB/H	
				BOILER	SO2 18.20LB/H	
				BOILER	SO2 18.20LB/H	
ID NUMBER WA-0009A SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
U.S. OIL & REFINING CO.	WA 2573	98.90MMBTU/H	M	BOILER, GAS/OIL	NOX 100.00PPM AT 3% O2, * 50.00PPM AT 3% O2, *	
ID NUMBER VA-0028 SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
MULTITRADE GROUP, INC.	VA 30529	112.50MMBTU/H	M	BOILER, COAL/WOOD FIRED, 2	CO .40LB/MMBTU	
					NO2 .54LB/MMBTU	
					PM .20LB/MMBTU	
					SO2 1.38LB/MMBTU	
					VOC .14LB/MMBTU	
ID NUMBER AR-0013 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
NEKOOSA PAPER CO.	AR 278-AR-3	160.00MMBTU/H	M	BOILER, DUAL FUEL	NOX N/A	

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	N/A	
					SO2	N/A	
					VE	20.00% OPACITY	
ID NUMBER LA-0018	SOURCE TYPE - 6.62 OTHER CHEMICAL						
HCC CHEMICAL CO.	LA (R)PSD-LA-108	173.00MMBTU/H	N	BOILER, GAS/OIL	CO	.04LB/MMBTU	B*
					NOX	.30LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.32LB/MMBTU	B*
ID NUMBER WA-0014	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
U.S. NAVY - PUGET SOUND *	WA N/C 2545	140000.00LB/H STEAM	N	BOILER, RILEY STOKER VR-C3, *	PM	.02GR/SCF	
					SO2	.23LB/MMBTU,NOTE#1	
ID NUMBER LA-0050	SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION						
AGRIFUELS REFINING CORP.	LA PSD-LA-521	177.00MMBTU/H	N	BOILER, CMS, #7-84	CO	1163.00LB/H	
						4650.00T/YR	
					NOX	63.00LB/H	
						252.00T/YR	
					PM	35.00LB/H	
						140.00T/YR	
					VE	20.00% OPACITY	
ID NUMBER MO-0006	SOURCE TYPE - 1.3 EXTERNAL COMBUSTION - NATURAL GAS						
MOBAY CHEMICAL CORP.	MO 485	198.60MMBTU/H	N	BOILER, 2 TOTAL	CO	MINIMIZE	
					NOX	.20LB/MMBTU	N*
					PM	MINIMIZE	
					SO2	MINIMIZE	
					VOC	MINIMIZE	
ID NUMBER AR-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
NEKOOSA PAPER CO.	AR 278-AR-3	210.00MMBTU/H	M	BOILER, DUAL FUEL	NOX	N/A	
					PM	N/A	
					SO2	N/A	

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					VE 20.00% OPACITY	
ID NUMBER NY-0005	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS					
POWER AUTHORITY STATE OF*	NY	220.00MMBTU/H	N	BOILER, AUXILIARY	NOX .30LB/MMBTU	
					PM .08LB/MMBTU	
					SO2 .30% S FUEL	S*
ID NUMBER VA-0003	SOURCE TYPE - 11.0 GENERAL MANUFACTURING AND FABRICATION					
PHILIP MORRIS	VA 80VA06	237.00MMBTU/H	M	BOILER, COAL/OIL FIRED	NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 2.10LB/MMBTU COAL	B*
					2.51LB/MMBTU OIL	B*
					VE 20.00% OPACITY	B*
ID NUMBER OH-0045	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS					
CITY OF COLUMBUS	OH EPA-5-A-80-3	240.00MMBTU/H	N	BOILER, REFUSE/COAL FIRED, 6*	NOX .50LB/MMBTU	
					.70LB/MMBTU COAL *	
					PM .10LB/MMBTU	
					SO2 .93LB/MMBTU 6 BOI*	
					1.44LB/MMBTU,<4 BO*	
ID NUMBER TX-0027	SOURCE TYPE - 6.62 OTHER CHEMICAL					
E.I. DUPONT DE NEMOURS	TX (R)PSD-TX-335	240.00MMBTU/H	M	BOILER	NOX .30LB/MMBTU OIL	
					.60LB/MMBTU COAL	
					PM .05LB/MMBTU OIL	
					.08LB/MMBTU COAL	
					SO2 .79LB/MMBTU OIL	
					1.69LB/MMBTU COAL	
ID NUMBER WI-0001	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)					
FLAMBEAU PAPER CORP.	WI MAA-10-CWB-81-*	249.00MMBTU/H	M	BOILER, 80/20 WOOD/COAL	NOX .70LB/MMBTU	B*
					PM .08LB/MMBTU WOOD/*	B*
					.10LB/MMBTU COAL	B*
					SO2 1.20LB/MMBTU	L*

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PROCESS CODE 1.5

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ID NUMBER FL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST REGIS PAPER CO.	FL FL 066	268.00MMBTU/H C*	M	BOILER, BARK/COAL, #3	SO2	1.20LB/MMBTU	N*
						327.00LB/H	N*
ID NUMBER MI-0011	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
UNIV. OF MICH., CEN HEAT*	MI 531-78	220.00MLB/H	N	BOILER, GAS/OIL FIRED, 2 EA	NOX	.30LB/MMBTU OIL	
						.20LB/MMBTU GAS	
					SO2	.52LB/MMBTU	
ID NUMBER WI-0033	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
APPLETON PAPERS, INC.	WI MAA-10-SJK-83-*	250000.00LB/H STEAM	M	BOILER STACK	CO	.10LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.12LB/MMBTU	
					VE	20.00% OPACITY	
					VOC	9.95LB/H	
						42.00T/YR	
ID NUMBER GA-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INTERSTATE PAPER CORP.	GA 2631-089-8091	346.00MMBTU/H	M	BOILER	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.30LB/MMBTU	
ID NUMBER WI-0034	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
CONSOLIDATED PAPERS, INC.	WI 84-DLJ-038	445.16MMBTU/H	N	BOILER	CO	.10LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.08LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
					VOC	.05LB/MMBTU	
ID NUMBER VA-0022	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
BEAR ISLAND PAPER CO.	VA 50840	469.00MMBTU/H	M	BOILER, WOOD/COAL FUEL	NOX	1210.00T/YR WOOD FUEL	N*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
						1210.00T/YR COAL FUEL	N*
					PM	205.00T/YR WOOD FUEL	N*
						174.00T/YR COAL FUEL	N*
					SO2	1638.00T/YR WOOD FUEL	N*
						2092.00T/YR COAL FUEL	N*
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	495.00MMBTU/H	N	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER AL-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CONTAINER CORP. OF AM	AL PSD-AL-061	511.50MMBTU/H	M	BOILER, COAL/WOOD FIRED	NOX	350.00LB/H 100% COAL	N*
						426.00LB/H 100% WOOD	N*
					PM	51.15LB/H 100% COAL	N*
						60.80LB/H 100% WOOD	N*
					SO2	613.25LB/H 100% COAL	N*
						60.80LB/H 100% WOOD	N*
ID NUMBER AL-0019	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	AL 201-0001-X008,*	534.00MMBTU/H	M	GENERATOR, FOSSIL FUEL STEAM			
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER FL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
ST REGIS PAPER CO.	FL FL 066	546.00MMBTU/H C*	M	BOILER, BARK/COAL, #4	SO2	1.20LB/MMBTU	N*
ID NUMBER OK-0004	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
FORT HOWARD PAPER CO.	OK (R)PSD-OK-404	557.00MMBTU/H	M	BOILER	CO	.06LB/MMBTU COAL	B*
						.03LB/MMBTU OIL	B*
					CO	.02LB/MMBTU GAS	B*

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					NOX	.70LB/MMBTU COAL	B*
						.30LB/MMBTU OIL	B*
					NOX	.20LB/MMBTU GAS	B*
					PM	.10LB/MMBTU COAL	B*
						.07LB/MMBTU OIL	B*
					PM	.01LB/MMBTU GAS	B*
					SO2	1.20LB/MMBTU COAL	B*
						.73LB/MMBTU OIL	B*
					SO2	.00LB/MMBTU GAS	B*
					VOC	.02LB/MMBTU GAS	
						.01LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS	
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	581.00MMBTU/H	N	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER GA-0009	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GILMAN PAPER CO.	GA GA-071	587.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	
ID NUMBER NC-0019B	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
FEDERAL PAPER BOARD CO.,*	NC 3441R9	600.00MMBTU/H B*	M	BOILER, POWER, #5, BARK/COAL*	NOX	.40LB/MMBTU COAL	
						.36LB/MMBTU OIL	
					PM	.16LB/MMBTU COAL	
						.05LB/MMBTU OIL	
					SO2	.80LB/MMBTU COAL	
						.80LB/MMBTU OIL	
ID NUMBER OH-0003	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
STONE CONTAINER CORP.	OH EPA-5-A-81-3	609.00MMBTU/H	N	BOILER, WOOD/GAS	CO	.20LB/MMBTU	

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PROCESS CODE 1.5

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					NOX	.38LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	.02LB/MMBTU	
					VOC	.02LB/MMBTU	
ID NUMBER MS-0008	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
LEAP RIVER FOREST	MS MS 035	350000.00LB/H	N	BOILER, BARK/COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.63LB/MMBTU	B*
ID NUMBER VA-0001	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CHESAPEAKE CORP.	VA 80VA03	659.00MMBTU/H	M	BOILER, WOOD WASTE	CO	.23LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
					VOC	.23LB/MMBTU	N*
ID NUMBER SC-0014	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
UNION CAMP CORP.	SC (R)P/C-40-128	660.00MMBTU/H	N	BOILER, COAL/WOOD WASTE	CO	.11LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
					VE	20.00% OPACITY	
ID NUMBER LA-0042	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
STONE CONTAINER CORP.	LA PSD-LA-505	680.40MMBTU/H	N	BOILER, COMBINATION, BARK/CO*	BE	.00LB/H	B*
					CO	420.40LB/H	B*
						.62LB/MMBTU	B*
					F	3.75LB/H	B*
					NOX	476.30LB/H	B*
						.70LB/MMBTU	B*
					PM	68.00LB/H	N*
						.10LB/MMBTU	N*
					SO2	816.50LB/H	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
						1.20LB/MMBTU	B*
					VOC	105.90LB/H	B*
ID NUMBER LA-0017	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295	760.00MMBTU/H	M	BOILER	CO	.15LB/MMBTU	B*
					NOX	.69LB/MMBTU COAL	B*
						.20LB/MMBTU GAS	B*
					NOX	.30LB/MMBTU OIL	B*
ID NUMBER IA-0006	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLA*	IA	769.00MMBTU/H	M	BOILER, STEAM GENERATION, #8	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
ID NUMBER AL-0016	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)						
MACMILLAN BLOEDAL	AL AL-063	770.00MMBTU/H	M	BOILER, POWER	CO	114.00LB/H	N*
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
ID NUMBER FL-0035	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
GEORGIA-PACIFIC CORP.	FL PSD-FL-079	700000.00LB/H STEA*	N	BOILER, COMBINATION, NO.5	CO	ZERO	
					NOX	.30LB/MMBTU, HI	B*
						325.00LB/H BARK	B*
					PM	.10LB/MMBTU, HI	B*
						108.00LB/H BARK	B*
					SO2	.65LB/MMBTU, HI	B*
						704.00LB/H BARK	B*
					VE	20.00% OPACITY	B*
					VOC	ZERO	
ID NUMBER AL-0002	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
SCOTT PAPER	AL AL 068	980.00MMBTU/H	M	WOODWASTE/COAL COMB., 50/50%*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
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PROCESS CODE 1.5 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 1014.00LB/H	N*
ID NUMBER FL-0026	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
CONTAINER CORP. OF AM	FL FL-062	1021.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	PM 472.00T/YR	N*
					SO2 5363.00T/YR	N*
ID NUMBER GA-0008	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
UNION CAMP CORP.	GA (R)PSD-GA-062	1055.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	NOX .70LB/MMBTU	N*
					PM .08LB/MMBTU	B*
					SO2 1.20LB/MMBTU	N*
ID NUMBER NC-0019	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
FEDERAL PAPER BOARD CO.,*	NC NC-081	1095.00MMBTU/H	N	BOILER	PM .04GR/CF	B*
					SO2 979.00T/H	B*
ID NUMBER LA-0004	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS					
GULF STATES UTILITY	LA (R)PSD-LA-305	1361.00MMBTU/H	M	TURBINE	CO .09LB/MMBTU	B*
					NOX .25LB/MMBTU	N*
					PM .00LB/MMBTU	B*
					SO2 .21LB/MMBTU	B*
				TURBINE	CO .13LB/MMBTU OIL	B*
					.09LB/MMBTU GAS	B*
					NOX .27LB/MMBTU OIL	N*
					.27LB/MMBTU GAS	N*
					PM .21LB/MMBTU OIL	B*
					.00LB/MMBTU GAS	B*
					SO2 .68LB/MMBTU OIL	B*
					.00LB/MMBTU GAS	B*
				BOILER	CO .01LB/MMBTU COAL *	B*
					.03LB/MMBTU OIL	B*
					NOX .19LB/MMBTU COAL *	B*
					.30LB/MMBTU OIL	B*
					PM .03LB/MMBTU COAL *	B*
					.01LB/MMBTU OIL	B*

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PROCESS CODE 1.5

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
					SO2 .62LB/MMBTU COAL * B*
					.66LB/MMBTU OIL B*
ID NUMBER NY-0005	SOURCE TYPE - 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS				
POWER AUTHORITY STATE OF* NY		6700.00MMBTU/H	N	BOILER	CO .04LB/MMBTU B*
					NOX .60LB/MMBTU COAL B*
					.30LB/MMBTU OIL B*
					PM .02LB/MMBTU COAL B*
					.03LB/MMBTU COAL/* B*
					PM .01LB/MMBTU OIL B*
					SO2 .40LB/MMBTU B*
					VE 20.00% OPACITY
(1) ID NUMBER NY-0002	SOURCE TYPE - 2.1 REFUSE INCINERATION				
HOOKER ENERGY CORP.	NY NONE	2360.00T/D REFUSE	N	BOILER, RDF/COAL FIRED	NOX .70LB/MMBTU COAL
					.30LB/MMBTU OIL
					PM .10LB/MMBTU COAL
					.07LB/MMBTU OIL
					PM .03GR/DSCF REFUSE
					SO2 1.20LB/MMBTU COAL
					.80LB/MMBTU OIL
					VE 20.00% OPACITY COAL B*
					20.00% OPACITY OIL B*
					VE 20.00% OPACITY REFU* B*
(1) ID NUMBER VA-0026	SOURCE TYPE - 2.1 REFUSE INCINERATION				
NOFOLK NAVAL SHIPYARD	VA 60326	180000.00LB/D		BOILER, 4	CO .53LB/MMBTU P*
					HCL 3.30LB/MMBTU P*
					HF 1.10LB/MMBTU P*
					NOX .70LB/MMBTU N*
					PM .07LB/MMBTU P*
					SO2 1.20LB/MMBTU N*
					VOC .07LB/MMBTU P*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
(1) ID NUMBER NC-0020	SOURCE TYPE - 10.6 OTHER WOOD PRODUCTS						
BURLINGTON IND.	NC NC-036		N	BOILER	PM	.60LB/H	B*

PROCESS CODE -- 1.6

ID NUMBER CA-0013	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
PROCESS REFINERY CO.	CA SJ-78-27	4.31MMBTU/H	M	BOILER, 2 EA	NOX	.27LB/MMBTU	
ID NUMBER PA-0031	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
AMERICAN PACKAGING CORP.	PA 82128	5.02MMBTU/H	N	BOILER	PM	.10LB/MMBTU	B*
ID NUMBER CO-0005	SOURCE TYPE - 3.2 NATURAL GAS COMPRESSORS						
CO INTERSTATE GAS, TOTEM* CO		370.00HP	N	GENERATOR			
					NOX	8.90LB/H	B*
ID NUMBER TX-0050	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
MITCHELL ENERGY	TX (R)PSD-TX-139	12.55MMBTU/H	N	BOILER	VOC	.00LB/MMBTU	B*
ID NUMBER TX-0021	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
INDEPENDENT REFIN.	TX (R)PSD-TX-388	14.40MMBTU/H	M	REBOILER	NOX	.11LB/MMBTU	N*
ID NUMBER MA-0004	SOURCE TYPE - 2.1 REFUSE INCINERATION						
NESWC RESOURCE RECOVERY *	MA 029-121MA16	19.60MMBTU/H	N	BOILER, AUXILIARY	CO	.04LB/MMBTU	B*
					NOX	.16LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SOX	.02LB/MMBTU	B*
					SO2	.34LB/MMBTU	B*
ID NUMBER CA-0004	SOURCE TYPE - 9.14 MINERAL WOOL MANUFACTURING						
TEXACO, INC.	CA NCC-78-04	20.00MMBTU/H	M	GENERATOR, STEAM, 3 EA	SO2	.58LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					2.00% S FUEL OIL	B*
ID NUMBER UT-0007	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)					
GEOKINETICS INC., OIL SH*	UT	650.00HP		GENERATOR	NOX 38.90LB/H	B*
					VE 20.00% OPACITY	
ID NUMBER PA-0023	SOURCE TYPE - 6.62 OTHER CHEMICAL					
SMITH KLINE CORP.	PA 79PA15	700.00HP EA	N	BOILER, 2 EA	SO2 .20% BY WT #2 OIL	B*
					1.68MMGAL/YR OIL	B*
ID NUMBER CA-0030	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
GETTY OIL CO.	CA SJ-81-11	240.00BBL/D	M	GENERATOR, STEAM, 7	NOX .15LB/MMBTU PER G*	
ID NUMBER TN-0012	SOURCE TYPE - 2.1 REFUSE INCINERATION					
RESOURCES AUTHORITY	TN	75.00T/D EA	N	BOILER, MUNICIPAL REFUSE FIR*	PM .04GR/SCF	N*
ID NUMBER TX-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387	40.00MMBTU/H	M	BOILER	CO .01LB/MMBTU	B*
					NOX .10LB/MMBTU	B*
					PM .00LB/MMBTU	B*
					SO2 .02LB/MMBTU	N*
ID NUMBER OH-0037	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL					
CENTRAL SOYA CO., INC.	OH 03-779	44.00MMBTU/H	N	BOILER, FLUIDIZED BED	PM .02LB/MMBTU	
ID NUMBER TX-0063	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
CHAMPLIN PETROLEUM CO.	TX TX-337	47.00MMBTU/H EA	M	BOILER, FUEL GAS, 3	NOX 5.60LB/H	B*
					.12LB/MMBTU	B*
					SO2 1.20LB/H	N*
					.03LB/MMBTU	N*
ID NUMBER CA-0009	SOURCE TYPE - 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING					
KERNRIDGE OIL CO.	CA (R)SJ-79-26	50.00MMBTU/H	M	GENERATOR, STEAM, 11 EA	NOX .20LB/MMBTU	B*
					PM .06LB/MMBTU	L*

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					PM	.01LB/MMBTU	L*
					SO2	.07LB/MMBTU	
						1.20% S FUEL OIL	
ID NUMBER AL-0010	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
MOBIL OIL EXPLORATION	AL AL-073	50.00MMBTU/H	N	BOILER, SUPPLEMENTAL	NOX	.20LB/MMBTU	
					SO2	1.00LB/H	
ID NUMBER TX-0085	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
TEXAS TAR SANDS, LTD	TX 9075	50.00MMBTU/H	N	GENERATOR, STEAM	PM	.09LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER CO-0008	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
GARY WESTERN REFIN.	CO	47.00MLB/H STE*	M	BOILER #4	NOX	8.41LB/H	B*
ID NUMBER TX-0029	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
LONGVIEW REFIN.	TX PSD-TX-364	74.00MMBTU/H	M	BOILER, 2	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	B*
ID NUMBER TX-0048	SOURCE TYPE - 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE						
FORMOSA PLASTICS	TX (R)PSD-TX-226	80.00MMBTU/H	M	BOILER, 5 EA	NOX	.11LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
ID NUMBER TX-0036	SOURCE TYPE - 6.12 CARBON BLACK						
ASHLAND CHEMICAL CO.	TX TX-338	81.00MMBTU/H	M	BOILER, CO	CO	62.00LB/H	B*
					NOX	28.00LB/H	B*
					PM	10.00LB/H	B*
					SO2	565.00LB/H	B*
					VOC	3.00LB/H	B*
ID NUMBER ME-0005	SOURCE TYPE - 12.0 INSTITUTIONAL/COMMERCIAL						
LORING AIR FORCE BASE	ME 21-25	84.50MMBTU/H	N	BOILER #7	NOX	.70LB/MMBTU	

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					PM	.07LB/MMBTU	
					SO2	1.80LB/MMBTU	
				BOILER #8	NOX	.70LB/MMBTU	
					PM	.07LB/MMBTU	
					SO2	1.80LB/MMBTU	
ID NUMBER TX-0066	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
COASTAL STATES PETROLEUM	TX TX-243	88.00MMBTU/H	M	BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
ID NUMBER LA-0027A	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
CYPRESS REFINING CO., HI*	LA PSD-LA-504	99.50MMBTU/H	M	BOILER #1-82	NOX	15.32LB/H	B*
					VE	20.00% OPACITY	B*
				BOILER #2-82	NOX	17.51LB/H	B*
					VE	20.00% OPACITY	B*
ID NUMBER TX-0061	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
UNI OIL	TX (R)PSD-TX-229	103.24MMBTU/H	M	BOILER, PACKAGE	CO	.71LB/H	B*
						.01LB/MMBTU	B*
					NOX	7.94LB/H	B*
						.08LB/MMBTU	B*
					PM	1.59LB/H	B*
						.02LB/MMBTU	B*
					SO2	.79LB/H	N*
						.01LB/MMBTU	N*
					VOC	.06LB/H	B*
						.00LB/MMBTU	B*

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ID NUMBER PA-0002	SOURCE TYPE - 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS						
PHILADELPHIA GAS WORKS	PA 78PA03	110.00MMBTU/H	M	BOILER	NOX	74.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	75.00LB/H	B*
ID NUMBER LA-0025	SOURCE TYPE - 6.12 CARBON BLACK						
ASHLAND CHEMICAL CO.	LA LA-339	125.40MMBTU/H	M	BOILER, CO	CO	94.00LB/H	B*
					NOX	26.40LB/H	B*
					PM	6.90LB/H	B*
					SO2	977.30LB/H	B*
					VOC	19.30LB/H	B*
ID NUMBER TX-0041	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SABER REFIN.	TX (R)PSD-TX-324	158.00MMBTU/H	M	REBOILER, 2	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.01LB/MMBTU	N*
ID NUMBER LA-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
TENNECO	LA PSD-LA-199	160.00MMBTU/H	M	BOILER, 13	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
ID NUMBER TX-0039	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
SIGMORE REFIN. CO.	TX (R)PSD-TX-331	167.80MMBTU/H	M	BOILER	CO	9.68LB/H	B*
					NOX	113.04LB/H	B*
					PM	11.36LB/H	B*
					SO2	132.72LB/H	B*
ID NUMBER TX-0060	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
NEDERLAND PROCESSING CO.	TX TX-262	170.00MMBTU/H O*	N	BOILER	CO	6.20LB/H OIL	B*
						.04LB/MMBTU OIL	B*
					CO	2.60LB/H GAS	B*
						.02LB/MMBTU GAS	B*
					NOX	51.00LB/H OIL	B*

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						.30LB/MMBTU OIL	B*
					NOX	20.40LB/H GAS	B*
						.12LB/MMBTU GAS	B*
					PM	8.90LB/H OIL	B*
						.05LB/MMBTU OIL	B*
					PM	2.30LB/H GAS	B*
						.01LB/MMBTU GAS	B*
					SO2	79.30LB/H OIL	B*
						.47LB/MMBTU OIL	B*
					SO2	4.20LB/H GAS	B*
						.03LB/MMBTU GAS	B*
					VOC	1.20LB/H OIL	B*
						.01LB/MMBTU OIL	B*
					VOC	.50LB/H GAS	B*
						.01LB/MMBTU GAS	B*
ID NUMBER CA-0010	SOURCE TYPE - 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES						
ANHEUSER-BUSCH, INC.	CA (R)LA-78-18	125000.00LB/H	M	BOILER, STEAM, 2 EA	NOX	.27LB/MMBTU	L*
						.47LB/MMBTU	L*
					SO2	.21% S FUEL OIL	B*
ID NUMBER LA-0038	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
CITIES SERVICE CO.	LA	173.00MMBTU/H	M	BOILER, POWER HOUSE, B-A3,3C	NOX	60.50LB/H	B*
						.35LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
				BOILER, POWER HOUSE, B-3,B-3B	NOX	60.50LB/H	B*
						.01LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
ID NUMBER LA-0051	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION						
PLACID REFINING CO.	LA PSD-LA-522	175.00MMBTU/H	M	BOILER #B-902	NOX	27.20LB/H	B*
						119.20T/YR	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					VE NO VISIBLE EMI*	
ID NUMBER OH-0034	SOURCE TYPE - 7.12 OTHER FOOD & AGRICULTURAL					
CAMPBELL SOUP CO.	OH 0335010105	150000.00LB/H STEAM	N	BOILER, FLUIDIZED BED, 3		
					PM .10LB/MMBTU	
					SO2 1.60LB/MMBTU	
ID NUMBER TX-0157	SOURCE TYPE - 5.2 PETROLEUM REFINING - CONVERSION					
KOCH REFINING CO.	TX 9398	212.50MMBTU/H	M	BOILER, CONVERTED CO	CO 35.00LB/MMSCF	N*
					NOX .12LB/MMBTU	B*
					PM 5.00LB/MMSCF	N*
					SO2 .10GR H2S/DSCF FU*	B*
					VOC 2.80LB/MMSCF	N*
ID NUMBER LA-0018	SOURCE TYPE - 6.62 OTHER CHEMICAL					
HCC CHEMICAL CO.	LA (R)PSD-LA-108	230.00MMBTU/H	N	BOILER, WASTE GAS	NOX .20LB/MMBTU	
					PM .01LB/MMBTU	
ID NUMBER PA-0030	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL					
CONTAINER CORP. OF AM	PA 80168	190000.00LB/H STEAM	M	BOILER #1, RILEY P.C.	PM .06LB/MMBTU HEAT *	N*
					SO2 .50LB/MMBTU HEAT *	N*
ID NUMBER CA-0134	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER					
VALLEY POWER ASSOC.	CA SJ 84-02	190000.00LB/H STEAM	N	BOILER	CO 329.00PPMV	
					NOX 143.00PPMV	
					SO2 38.00PPMV	
ID NUMBER TX-0034	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY					
DIAMOND SHAMROCK CORP.	TX TX-346	240.00MMBTU/H	M	BOILER, PROCESS, 2	CO 6.81LB/H	B*
					NOX 130.00LB/H	B*
					PM 10.06LB/H	B*
					SO2 103.87LB/H	B*
ID NUMBER FL-0011	SOURCE TYPE - 7.8 SUGAR CANE PROCESSING					

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	54681.00LB/H BAGA*	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
				BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
					VOC	2.00LB/T BAGASSE F*	S*
ID NUMBER TX-0075 SOURCE TYPE - 6.14 CHLOROALKALI							
DIAMOND SHAMROCK CORP.	TX TX-276	246.00MMBTU/H	M	GENERATOR, STEAM, HEAT RECOV*	CO	4.08LB/H EA	B*
						.02LB/MMBTU	B*
					NOX	55.20LB/H EA	B*
						.22LB/MMBTU	B*
					PM	3.60LB/H EA	B*
						.02LB/MMBTU	B*
ID NUMBER CA-0062 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
CALIFORNIA POWER & LIGHT	CA SJ 83-08	80500.00LB/H BIOM*	N	BOILER, 2 EA	CO	309.00LB/H	
					NOX	140.00LB/H	
					PM	.01GR/DSCF	
					SO2	37.00LB/H	
						40.00PPM AT 3% O2	
ID NUMBER TX-0073 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY							
PETRACO VALLEY OIL & REF*	TX TX-236	255.00MMBTU/H	N	BOILER	CO	2.30LB/H	B*
						.01LB/MMBTU	B*
					NOX	31.70LB/H	B*
						.12LB/MMBTU	B*
					PM	1.90LB/H	B*
						.01LB/MMBTU	B*
					SO2	3.40LB/H	N*
						.01LB/MMBTU	N*
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*
ID NUMBER NC-0024 SOURCE TYPE - 6.61 ALCOHOL FUEL PRODUCTION							
PEAT METHANOL ASSOCIATES	NC 4930	300.00MMBTU/H	N	BOILER, PEAT	PM	9.70LB/H	
						.03LB/MMBTU	

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PROCESS CODE 1.6 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 153.00LB/H .51LB/MMBTU	
ID NUMBER CA-0032A SOURCE TYPE - 10.1 KRAFT PULP MILLS						
SIMPSON LEE PAPER CO.	CA 74-PO-23	6000.00GAL/H B.L.	N	BOILER, RECOVERY	PM .15GR/DSCF	
ID NUMBER TX-0077 SOURCE TYPE - 6.24 ETHYLENE AND POLYETHYLENE						
TEXAS EASTMAN CO.	TX TX-332	330.00MMBTU/H	M	BOILER, 2	CO 4.60LB/H TAR	B*
					3.20LB/H NAT GAS	B*
					NOX 42.00LB/H TAR	B*
					22.80LB/H NAT GAS	B*
					PM 14.00LB/H TAR	B*
					1.00LB/H NAT GAS	B*
					SO2 12.00LB/H TAR	B*
					1.00LB/H NAT GAS	B*
ID NUMBER FL-0012 SOURCE TYPE - 7.8 SUGAR CANE PROCESSING						
OSCEOLA FARMS CO.	FL FL-0012	80000.00LB/H BAGA*	N	BOILER, BAGASSE	PM .15LB/MMBTU INPUT	B*
ID NUMBER LA-0022 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
TENNECO	LA PSD-LA-199	350.00MMBTU/H	M	BOILER, CO	CO .02LB/MMBTU GAS	B*
					.03LB/MMBTU OIL	B*
ID NUMBER TX-0052 SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY						
PHILLIPS PETROLEUM CO.	TX PSD-TX-102M-1	370.00MMBTU/H	M	BOILER, CO, 2	CO .02LB/MMBTU	
					NOX 1.90LB/MMBTU	
					PM .31LB/MMBTU	
					SO2 .10LB/MMBTU	
					VOC .00LB/MMBTU	
ID NUMBER AL-0015 SOURCE TYPE - 10.1 KRAFT PULP MILLS						
HAMMERMILL PAPER	AL PSD-AL-062	382.00MMBTU/H	M	BOILER, RECOVERY, #1	PM 4.00LB/ADTP	
					SO2 272.00LB/H	

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PROCESS CODE 1.6

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					TRS	20.00PPM	
ID NUMBER GA-0014 SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)							
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MMBTU/H	N	BOILER	NOX	.30LB/MMBTU BARK/*	N*
						.20LB/MMBTU BARK/*	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	
						298.00LB/H	
ID NUMBER AL-0018 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	438.00MMBTU/H	N	BOILER, POWER	NOX	.70LB/MMBTU	
					PM	.23GR/DSCF AT 50%*	
					SO2	2033.00T/YR	
ID NUMBER AL-0019 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
UNION CAMP CORP.	AL 201-0001-X008,*	1340.00ADTP/D	M	BOILER, RECOVERY, #2			
					PM	.04GR/DSCF AT 8% *	
					TRS	5.00PPM AT 8% O2	
ID NUMBER AL-0020 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	495.00MMBTU/H	N	GENERATOR, FOSSIL FUEL STEAM	CO	117.00LB/H	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER FL-0010 SOURCE TYPE - 7.8 SUGAR CANE PROCESSING							
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	264000.00LB/H	N	BOILER, BAGASSE/RESIDUE, #6 *	CO	140.00LB/H	B*
						326.00T/YR	B*
					NOX	123.00LB/H	B*
						209.00T/YR	B*
					PM	.15LB/MMBTU	B*
						75.60LB/H	B*
					SO2	14.00T/D	B*
					VOC	140.00LB/H	B*

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PROCESS CODE 1.6

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COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						325.00T/YR	B*
ID NUMBER AL-0020	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	763.00ADTP/D	N	BOILER, RECOVERY	CO	63.60LB/H	
					NOX	31.80LB/H	
					PM	.04GR/DSCF AT 8% *	
					SO2	391.00LB/H	
					TRS	.50PPM AT 8% O2	
ID NUMBER AR-0007	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
INTERNATIONAL PAPER CO.	AR 78-AR-1	683.40MMBTU/H	N	BOILER, STEAM	CO	70.00LB/H	
					NOX	480.00LB/H	
					PM	.10LB/MMBTU	
					SO2	820.00LB/H	
ID NUMBER AL-0015	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
HAMMERMILL PAPER	AL PSD-AL-062	737.00MMBTU/H	M	BOILER, RECOVERY, #2	CO	456.60LB/H	B*
					NOX	114.20LB/H	B*
					PM	66.20LB/H	N*
					SO2	1901.00T/YR	B*
					TRS	5.00PPM AT 8% O2	N*
ID NUMBER SC-0013	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
BOWATER CAROLINA CO.	SC (R)P/C-46-210*	900.00T/D ADP	N	FURNACE, RECOVERY	PM	.04GR/DSCF	
					SO2	300.00PPM	
					TRS	5.00PPM	
ID NUMBER MS-0005	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WEYERHAEUSER CO.	MS PSD-MS-027	762.00MMBTU/H	N	BOILER, POWER, COMBUSTION FU*	NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*

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ID NUMBER NC-0019A SOURCE TYPE - 10.1 KRAFT PULP MILLS							
FEDERAL PAPER BOARD CO.,*	NC 4924	771.00MMBTU/H	N	BOILER, POWER, #6	CO	.05LB/MMBTU COAL	A*
					NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					NOX	.20LB/MMBTU GAS	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
ID NUMBER CA-0034 SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER							
OCCIDENTAL GEOTHERMAL - *	CA NSR-4-4-1 NC-8*	80.00MW	N	PLANT, POWER	H2S	8.00LB/H	
ID NUMBER ME-0001 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
ST. REGIS PAPER CO.	ME AEL-13-47	814.00MMBTU/H	M	BOILER, BIOMASS FUEL			
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
ID NUMBER AL-0018 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	1086.00ADTP/D	N	BOILER, RECOVERY			
					PM	.04GR/DSCF AT 8% *	
					TRS	5.00PPM AT 8% O2	
ID NUMBER AL-0002 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
SCOTT PAPER	AL AL 068	1100.00T/D ADP	M	BOILER, RECOVERY	CO	770.00LB/H	B*
					NOX	242.00LB/H	B*
						402.00T/YR	B*
					PM	.04GR/DSCF	N*
					SO2	344.00LB/H	B*
						1003.00T/YR	B*
					TRS	5.00PPM	N*
ID NUMBER TX-0071 SOURCE TYPE - 10.1 KRAFT PULP MILLS							
KIRBY FOREST INDUSTRIES	TX TX-231	935.00MMBTU/H	N	BOILER, RECOVERY	CO	82.60LB/H	B*
						.09LB/MMBTU	B*

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					NOX 67.80LB/H	B*
					.07LB/MMBTU	B*
					PM 83.40LB/H	N*
					.09LB/MMBTU	N*
					SO2 434.00LB/H	B*
					.46LB/MMBTU	B*
					TRS 6.10LB/H	N*
					.01LB/MMBTU	N*
ID NUMBER CA-0015A	SOURCE TYPE - 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)					
PACIFIC GAS & ELECTRIC C*	CA NSR 4-4-1 NC 8*	110.00MW	N	PLANT, POWER	H2S 7.50LB/H	B*
ID NUMBER AL-0016	SOURCE TYPE - 10.2 WOOD PULPING (OTHER THAN KRAFT)					
MACMILLAN BLOEDAL	AL AL-063	960.00MMBTU/H	M	BOILER, RECOVERY	CO 12325.00T/YR	N*
					NOX 902.00T/YR	N*
					PM .04GR/DSCF AT 8% *	N*
					SO2 2339.00T/YR	N*
					TRS 5.00PPM AT 8% O2	N*
ID NUMBER MS-0005	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
WEYERHAEUSER CO.	MS PSD-MS-027	155.00T/H BLS	N	BOILER, RECOVERY, KRAFT MILL	NOX 70.00PPM	B*
					PM .04GR/DSCF	N*
					SO2 100.00PPM	B*
					TRS 5.00PPM	N*
ID NUMBER ID-0003	SOURCE TYPE - 10.1 KRAFT PULP MILLS					
POTLATCH	ID	90.00T/H BLS	N	BOILER, RECOVERY	CO 1223.00LB/H	
					NOX 321.00LB/H SEE NOTE 3	
					PM 58.00LB/H SEE NOTE 2	
					.03GR/DSCF	
					SO2 450.00LB/H SEE NOTE 6	
					200.00PPM	

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ID NUMBER TX-0083	SOURCE TYPE - 6.27 ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX 5252	1.20MMBTU/H *	N	BOILER, 4 & HEATER, 6	NOX	569.00T/YR	A*
						.18LB/MBTU	A*
					PM	15.00T/YR	
					SO2	1.10T/YR	
ID NUMBER SC-0003	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
WESTVACO CORP.	SC SC-037	187500.00LB/H BLS	N	BOILER, RECOVERY, #10	NOX	.25LB/MMBTU	B*
					PM	.03GR/DSCF	B*
					SO2	250.00PPM	B*
					TRS	.02LB/T BLS	N*
ID NUMBER MI-0024	SOURCE TYPE - 10.1 KRAFT PULP MILLS						
CHAMPION INTERNAT. CORP.	MI 33-80	380000.00LB/H	N	BOILER, RECOVERY, BLACK LIQU*	PM	.04GR/DSCF	N*
					TRS	5.00PPM BY VOL	
ID NUMBER UT-0024	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
PARAHO DEVELOPMENT CORP.	UT	2110.00MMBTU/H	N	POWER GENERATION FACILITY	CO	.02LB/MMBTU	
					NOX	.25LB/MMBTU	N*
					NOX	.20LB/MMBTU	N*
					PM	.02LB/MMBTU	
					SO2	.14LB/MMBTU	
					VOC	.00LB/MMBTU	
ID NUMBER UT-0025	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
WHITE RIVER SHALE OIL CO*	UT MAJ 053082-IT	2438.00MMBTU/H	N	BOILER & POWER PLANTS (3 STK)	NOX	.20LB/MMBTU	
						487.50LB/H	
					PM	.03LB/MMBTU	
						73.20LB/H	
					SO2	.07LB/MMBTU	
						166.90LB/H	
ID NUMBER CA-0029	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
PACIFIC GAS & ELECTRIC C*	CA (R)NSR-4-4-3 *	2.00MMLB/H ST*	N	PLANT, POWER	H2S	10.40LB/H	B*

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ID NUMBER LA-0006	SOURCE TYPE - 1.1 EXTERNAL COMBUSTION - COAL						
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO	.09LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	1.08LB/MMBTU	
ID NUMBER TX-0004	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
TEXAS UTILITIES SERVICE,*	TX PSD-TX-44	750.00MW	N	LIGNITE FIRED STEAM ELECT.	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER TX-0008	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-371	7863.00MMBTU/H	N	BOILER, LIGNITE FIRED, 2 EA	BE	.00LB/MMBTU	B*
					CO	.11LB/MMBTU	B*
					HG	.00LB/MMBTU	B*
					H2*	.03LB/MMBTU	B*
					NOX	.60LB/MMBTU	N*
					PB	.00LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	SEE NOTE	
					VOC	.00LB/MMBTU	B*
ID NUMBER TX-0003	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
TEXAS UTILITIES GEN CO.	TX PSD-TX-32	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
ID NUMBER TX-0002	SOURCE TYPE - 1.6 EXTERNAL COMBUSTION - OTHER						
TEXAS UTILITIES SERVICE,*	TX PSD-TX-47	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
(1) ID NUMBER MI-0039	SOURCE TYPE - 2.1 REFUSE INCINERATION						
CE - RESOURCE RECOVERY S*	MI 468-83	45.70T RDF/H EA	N	BOILER, WATER WALL, 3	CD	.09LB/H	B*
					CH*	3.50LB/H	B*
					CH*	.02LB/H	B*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX G.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX G.
(1) INDICATES ENTRY NOT IN ORDER OF BOILER SIZE IN MMBTU/H. THIS ENTRY DID NOT CONTAIN
BOILER (PROCESS) CAPACITY INFORMATION AND THEREFORE COULD NOT BE LISTED IN ORDER OF SIZE.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					CO 249.00LB/H	L*
					DI* 4.30EE-3 LB/H	B*
					F 3.75LB/H	B*
					HCL 294.00LB/H	B*
					HG .07LB/H	B*
					NOX 226.00LB/H	B*
					PB 1.37LB/H	B*
					PM .03GR/DSCF AT 12%*	L*
					40.30LB/H	L*
					SO2 457.10LB/H, NOTE #2	B*
					VE 20.00% OPACITY	B*
					VOC 20.50LB/H	B*
(1) ID NUMBER MA-0002	SOURCE TYPE - 2.1 REFUSE INCINERATION					
ENERGY ANSWERS CORP.	MA 025-120MA14	600.00T/D RDF EA	N	BOILER, WATER COOLED, 3 EA	NOX .50LB/MMBTU	B*
					PM .05GR/DSCF 12% CO2	B*
					SO2 .34LB/MMBTU	B*
					.30% S BY WT, OIL	B*
(1) ID NUMBER CA-0132	SOURCE TYPE - 2.1 REFUSE INCINERATION					
NORTH COUNTY RESOURCE RE*	CA 30289	46.40T/H RDF	N	BOILER, SEE NOTE #1	AS 2.84EE-6 LB/H	
					BE 2.34EE-5 LB/H	
					CD 1.09EE-2 LB/H	
					CO 400.00PPMV, 8 H AVG	L*
					236.00LB/H	L*
					CR 1.46EE-3 LB/H	
					CU 1.56EE-2 LB/H	
					FSP 8.00EE-3 GR/DSCF	
					HCL 30.00PPMV, 8 H AVG	
					10.40LB/H	
					HF 3.00PPMV, 8 H AVG	
					.21LB/H	
					HG 7.95EE-2 LB/H	
					MN 2.80EE-2 LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6 REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
					MO 7.54EE-4 LB/H
					NI 1.53EE-4 LB/H
					NOX 200.00PPMV, 8 H AVG B*
					169.00LB/H B*
					OD* 1.000DOR UNIT AT P*
					PAH 2.39EE-5 LB/H
					PB 1.27EE-1 LB/H
					PCB 1.52EE-4 LB/H
					PC* 8.12EE-4 LB/H
					PC* 1.64EE-3 LB/H
					PM .01GR/DSCF
					64.50LB/H
					SB 1.73EE-2 LB/H
					SE 6.71EE-5 LB/H
					SN 1.44EE-2 LB/H
					SO2 30.00PPMV, 8 H AVG
					38.90LB/H
					V 6.29EE-3 LB/H
					VE 10.00% OPACITY INST*
					.00% OPACITY > 3 *
					VOC 30.00PPMV, 8 H AVG L*
					10.10LB/H L*
					ZN 3.86EE-3 LB/H
(1) ID NUMBER TX-0022	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY				
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387		M	BOILER COMPLEX, CO	CO 175.50LB/H N*
					NOX 103.50LB/H B*
					SO2 48.00LB/H N*
(1) ID NUMBER AZ-0001	SOURCE TYPE - 5.5 PETROLEUM REFINING - AUXILIARY				
PROVIDENT ENERGY CO.	AZ (R)AZP79-02		N	BOILER & HEATER	NOX .43LB/MMBTU 2H AV
(1) ID NUMBER VI-0001	SOURCE TYPE - 5.6 PETROLEUM REFINING - ENTIRE OPERATION				
VIRGIN ISLANDS REFINERY *	VI NONE	175000.00BBL/D	N	BOILER, FOSSIL FIRED, 3	CO 14.00T/YR B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
					PM	.35LB/MMBTU	B*
					SO2	20.00PPM H2S GAS	B*
						.33% S BY WT, OIL	B*
					VOC	3.00T/YR	B*
(1) ID NUMBER CO-0009 OXY-LOGAN WASH MODIF.1980	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) CO		M	BOILER, ETC	CO	2.00LB/H	B*
					NOX	52.00LB/H	B*
					PM	7.00LB/H	B*
					SO2	31.00LB/H	
					VOC	3.00LB/H	B*
(1) ID NUMBER UT-0020 TOSCO OIL SHALE-1981	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) UT		N	BOILER, AUXILIARY, 2	CO	2.90LB/H	B*
					NOX	18.00LB/H	B*
					PM	3.20LB/H	B*
					SO2	8.00LB/H	B*
(1) ID NUMBER CO-0014 UNION OIL SHALE #1	SOURCE TYPE - 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) CO			BOILER, STEAM	NOX	12.00LB/H	B*
(1) ID NUMBER GA-0005 UNION CARBIDE	SOURCE TYPE - 6.62 OTHER CHEMICAL GA GA 069		M	BOILER	SO2	418.00T/YR	
(1) ID NUMBER TX-0117 LEVIN FIXTURE CORP.	SOURCE TYPE - 8.22 OTHER METALLURGICAL PROCESSES TX X-4027		N	BOILER	CO	.14LB/H	
					NOX	1.84LB/H	
					PM	.12LB/H	
(1) ID NUMBER MS-0008 LEAP RIVER FOREST	SOURCE TYPE - 10.1 KRAFT PULP MILLS MS MS 035		N	BOILER, RECOVERY	PM	.04GR/DSCF	B*
					SO2	458.00LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 06/05/1986

COMPANY NAME	STATE & PERMIT	PROCESS CAPACITY	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					300.00PPM	B*
					TRS 5.00PPM AT 8% FUEL	B*

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APPENDIX D

DETAILED LISTING OF SOURCE TYPE CODES

SOURCE TYPE	CODE
1. External Combustion	
Coal combustion	1.0
Oil combustion	1.1
Natural gas combustion	1.2
Wood waste combustion	1.3
Multiple fuels	1.4
Other	1.5
	1.6
2. Solid Waste Disposal	
Refuse incineration	2.0
Sewage sludge incineration	2.1
Other	2.2
	2.3
3. Internal Combustion	
Natural gas turbines	3.0
Natural gas compressors	3.1
Other	3.2
	3.3
4. Organic Evaporation Loss	
Surface coating of cans and coils	4.0
Surface coating of paper and fabrics	4.1
Surface coating of automobiles and light duty trucks	4.2
Surface coating of metal furniture	4.3
Surface coating of magnet wire	4.4
Surface coating of large appliances	4.5
Surface coating of miscellaneous metal parts and products	4.6
Surface coating of flatwood paneling	4.7
Solvent degreasing	4.8
Waste solvent reclamation	4.9
Graphic arts	4.11
Dry cleaning	4.12
Other	4.13
	4.14
5. Petroleum Refining, Oil and Gas Production and Related Industries	
Petroleum refining - separation processes (distillation & light ends recovery)	5.0
Petroleum refining - conversion processes (cracking, reforming, alkylation, polymerization, isomerization, and coking)	5.1
Petroleum refining - treating processes (hydrodesulfurization, hydrotreating, chemical sweetening, acid gas removal, and deasphalting)	5.2
	5.3

	SOURCE TYPE	CODE
	Petroleum refining - feedstock (storage, blending, loading, and unloading)	5.4
	Petroleum refining - auxiliary (boilers, wastewater treatment, hydrogen production, sulfur recovery, cooling towers, blow-down system, compressor engines, heaters, and incinerators)	5.5
	Petroleum refining -entire operation	5.6
	Bulk terminals	5.7
	Bulk plants	5.8
	Storage of petroleum liquids	5.9
	Transportation and marketing of petroleum products	5.11
	Natural gas/gasoline processing plants	5.12
	Asphalt and associated products manufacturing and processing	5.13
	Crude petroleum and natural gas production including oil shale	5.14
	Oil and gas field services	5.15
	Other	5.16
6.	Chemical Process Industry	6.0
	Acrylonitrile	6.1
	Acetic acid	6.2
	Acrylic acid	6.3
	Acetic anhydride	6.4
	Acrolein	6.5
	Acetaldehyde	6.6
	Adipic acid	6.7
	Aniline	6.8
	Alkylbenzene	6.9
	Butadiene	6.11
	Carbon black	6.12
	Charcoal	6.13
	Chloroalkali	6.14
	Chlorobenzene	6.15
	Chloromethane	6.16
	Chloroprene	6.17
	Caprolactam	6.18
	Cyclohexanol, cyclohexane	6.19
	Cumene	6.21
	Dimethyl terephthalate	6.22
	Ethylene dichloride	6.23
	Ethylene and polyethylene	6.24
	Ethylene oxide	6.25
	Ethylene glycols	6.26
	Ethylbenzene/styrene	6.27
	Ethyl acetate	6.28
	Epichlorohydrin	6.29
	Fluorocarbons	6.31
	Formaldehyde	6.32
	Glycol ethers	6.33
	Hydrochloric acid	6.34
	Hydrofluoric acid	6.35

SOURCE TYPE	CODE
Maleic anhydride	6.36
Methanol	6.37
Methyl ethyl ketone	6.38
Nitric acid	6.39
Nitrobenzene	6.41
Paint and varnish	6.42
Pharmaceutical	6.43
Phosphoric acid	6.44
Phthalic anhydride	6.45
Proylene oxide	6.46
Phenol/acetone	6.47
Soap and detergents	6.48
Sodium carbonate	6.49
Sulfuric acid	6.51
Sulfur recovery	6.52
Synfuels and fuel conversion other than oil shale	6.53
Synthetic fibers	6.54
Synthetic rubber/rubber tires	6.55
Toluene diisocyanate	6.56
Trichloroethane	6.57
Terpthalic acid	6.58
Vinyl chloride and polyvinyl chloride	6.59
Alcohol fuel production	6.61
Other	6.62
7. Food and Agricultural	7.0
Alfalfa dehydrating	7.1
Roasting	7.2
Feed and grain mills and elevators	7.3
Fermentation and alcoholic beverages	7.4
Fish processing	7.5
Fertilizer plants	7.6
Starch manufacturing	7.7
Sugar cane processing	7.8
Fats and vegetable oils	7.9
Fruit and vegetable processing	7.11
Other	7.12
8. Metallurgical	8.0
Primary aluminum production	8.1
Coke production	8.2
Primary copper smelting	8.3
Ferroalloy production	8.4
Iron and steel production	8.5
Primary lead smelting	8.6
Zinc smelting	8.7
Secondary aluminum	8.8
Secondary copper smelting and alloying	8.9
Gray iron foundaries	8.11

SOURCE TYPE	CODE
Secondary lead smelting	8.12
Secondary magnesium smelting	8.13
Steel foundaries	8.14
Secondary zinc processing	8.15
Storage battery production/reclamation	8.16
Lead oxide and pigment production	8.17
Miscellaneous lead products	8.18
Ore crushing and grinding	8.19
Sintering	8.21
Other	8.22
9. Mineral Products Industry	9.0
Asphalt batching plants	9.1
Bricks, ceramic, and related clay products	9.2
Refractories	9.3
Portland cement manufacturing	9.4
Cement manufacturing - other than Portland	9.5
Coal cleaning	9.6
Coal cleaning (thermal dryer)	9.7
Glass fiber manufacturing	9.8
Frit manufacturing	9.9
Glass manufacturing	9.11
Gypsum manufacturing	9.12
Lime manufacturing	9.13
Mineral wool manufacturing	9.14
Perlite manufacturing	9.15
Phosphate rock processing	9.16
Stone quarrying, sand and gravel processing	9.17
Taconite ore processing	9.18
Mining operations	9.19
Other	9.21
10. Wood Products	10.0
Kraft pulp mills	10.1
Wood pulping other than Kraft	10.2
Hardboard	10.3
Plywood plants	10.4
Woodworking	10.5
Other	10.6
11. General Manufacturing and Fabrication	11.0
12. Institutional/Commercial	12.0

APPENDIX E

ABBREVIATIONS FOR PROCESS AND EMISSION LIMITS

Abbreviations for Process and Emission Limits

ADD	additive
AL	aluminum
AM	American
ASSOC	association
ATMOS	atmospheric
CALC	catalytic
CO	company
COLL	collection
COOP	cooperative
CORP	corporation
DECARB	decarbonization
DESULF	desulfurization
DISTIL	distillation
DISTN	distribution
DIV	division
E	eastern
EA	each
ELECT	electric
FAC	facility
FCC	fluid catalytic cracking
FCCU	fluid catalytic cracking unit
FURN	furnace

GEN	generator
HAND	handling
I.C.	internal combustion
INCIN	incinerator
INDEPEN	independent
INTERNAT	international
LAB	laboratory
LDOUT	loadout
LIQ	liquid
LT	light
MATL	material
MFG	manufacturing
MISC	miscellaneous
MODIF	modification
NAT	natural
NATL	national
PREP	preparation
PROD	production
PWR	power
REC	recovery
RECIP	reciprocating

RECLAM	reclaimation
REFIG	refrigeration
REFIN	refinery
REG	regular
REGEN	regenerator
RESID	residual
ROT	rotary
SCRUB	scrubber
SECOND	secondary
SHIP	shipping
STOR	storage
SUP	supplementary
SYS	system
TRANS	transmission
UNIV	university
VAC	vacuum
VERT	vertical

ACF	actual cubic feet
ACFM	actual cubic feet per minute
ADP	air dried pulp
AV	average
BBL	barrels
BLS	black liquor solids
BPSD	barrels per stream day
BTU	British thermal units
CF	cubic feet
CFM	cubic feet per minute
CU YD	cubic yard
D	day
D FEED	dry feed
DACF	dry actual cubic feet
DIST	distillate
DSCF	dry standard cubic feet
F	feet
G	gram
G/HP-H	grams per horsepower - hour
G/O	gas/oil
GAL/M	gallons per minute
GR	grains
H	hour
HP	horsepower
J	joule

KG	kilogram
KW	kilowatt
LB	pound
LT	long ton
M	thousand (10^3)
MM	million (10^6)
MG/L	milligram per liter
MW	megawatt
N	natural
NG	nanogram
PPM	parts per million
PPH	parts per hundred
RDF	refuse derived fuel
RESID	residual
S	sulfur
SB	subbituminous
SCF	standard cubic feet
SCFD	standard cubic feet per day
SCFM	standard cubic feet per minute
SEC	second
SQF	square feet
T	ton
VOL	volume
WKS	weeks
YR	year

APPENDIX F

FORMAT FOR BACT/LAER CLEARINGHOUSE SUBMITTALS AND INSTRUCTIONS FOR COMPLETING BACT/LAER INPUT SUMMARY SHEET

INSTRUCTIONS FOR COMPLETING BACT/LAER CLEARINGHOUSE INPUT SUMMARY SHEET

1. Source Type/Size: Where possible, use one of the categories listed in Appendix D (Detailed Listing of Source Type Codes) of the April 1983 BACT/LAER Clearinghouse Compilation (attached) to define the source type. If the source you have is not contained in the list of source type codes, list it by its name. Size should indicate the total capacity of the new or modified plant, not just the size of the unit or units covered by the plant, i.e., an 1800 mw power plant is made up of three 600 mw units. The size should be 1800 mw not 600 mw. Whenever possible, use the standardized list of abbreviations (Appendix E -- Abbreviations for Process and Emission Limits) for units of measure (copy attached).

2. Source Code: Enter a source code listed in Appendix D.

3. Company Name/Site Location: Insert name and address of the proposed facility. The address should be the location of the proposed facility not the address of the parent company unless they are the same. City and/or county locations are usually enough, unless there is more than one plant for the company in the same city or county.

4. Determination: Circle "BACT" or "LAER" depending on the type of determination. In some cases both should be circled depending on the status of the pollutants in question. Circle "New" or "Modified," depending on the nature of the permit. If the permit covers a new unit at a new or existing source, it should be marked as "New." If the addition of a new unit to an existing source triggers a new permit for the entire source, then it should be circled "Modified." If the permit is only for a single unit, but the unit was modified, then it should be circled "Modified."

5. Permit Number: This should be the identification number assigned by the agency that issued the permit.

6. Date of Permit Issuance: Specify day, month, and year.

7. Date of Estimated Start-up: Specify day, month, and year. This item should be your best estimate as to when the permitted unit will reach full-scale commercial operation. Other control agencies could use this date to decide if follow-up calls should be made for new information. Reducing the number of follow-up calls to your Agency should reduce your work-load.

Using our automated system and this date, we can supply you with a list of your sources that may give you some follow-up information.

8. Determination Made By: Designate the agency and the person to whom telephone requests should be directed. This should be the person most capable of responding to factual questions about the permit decision. Please include the area code with the phone number.

9. Permit Parameters: List all processes subject to this permit by name (e.g., kiln, boiler) for which a throughput limit, operating limit, emission limit, control strategy, performance or equipment standard has been specified.

Process name or process equipment should be listed with the generic name first; followed by any specifics regarding the process; followed by the number of units or pieces of equipment being permitted if more than one. For example:

Boiler, coal-fired, 3 each
Kiln, 3 each
Conveyors, coal/limestone
Furnace, arc
Boiler, recovery
Boiler, power
Engines, gas-fired

10. Throughput Capacity: Indicate the maximum design capacity of the unit. Where possible, use the same units of measure used in the NSPS to describe the size of a source. Wherever possible, use the list of standardized abbreviations for process and emission limits - Appendix E.

11. Pollutant(s) Emitted: An entry should be made for each pollutant or parameter for which a control requirement or other restraint has been specified (PM, SO_2, CO_2, NO_x, opacity, or others). Use a separate line for each entry and identify the pollutant. Use the following standard abbreviations for the pollutants wherever possible:

PM	Particulate Matter
SO_2	Sulfur Dioxide
NO_x	Nitrogen Oxides
CO	Carbon Monoxide
VOC	Volatile Organic Compounds
VE	Visible Emission
TRS	Total Reduced Sulfur
F	Fluoride
Be	Beryllium
H_2S	Hydrogen Sulfide
Hg	Mercury
VC	Vinyl Chloride

12. BACT/LAER Emission Limit(s): For consistency and ease of comparison list the emission limit or rate in the same units of measure as those used for NSPS or those used in AP-42 for those source types where an NSPS has not been proposed or promulgated. Wherever possible use the list of standard abbreviations (Appendix E).

If there are two ways of expressing the emission limits or there are two limits the source must meet, these alternate or additional emission limits can be entered as alternate limits in the system and should be designated with an "Alter." on the form.

13. Regulatory Requirements Associated with Limit: Indicate the regulatory requirement that precipated establishing the limit presented, i.e., BACT, LAER, RACT, NSPS, NESHAPS, SIP, NAAQS constraint, internal constraints, or other items.

Do not list such items as stack test, design or others. These items generally represent the supporting information that may have been used to document or establish the given limit. Such items should be included in the notes section.

To facilitate the identification of limits the following abbreviations can be used:

B = BACT
L = LAER
N = NSPS
H = NESHAPS
A = Constraint by NAAQS or PSD increment
I = Internal Constraints
S = SIP
R = RACT
U = Unregulated

The following example is given to illustrate how a set of emission limits should be identified. Given:

A new 250 mm Btu/HR coal and chemical waste fired boiler located in an area that is nonattainment for SO_2 and attainment for all other pollutants. The NO_x limit was determined by ambient air quality constraints that required more control than BACT. Neither CO nor VOC are subject to BACT because of emissions below the PSD cut-off for BACT review. The State has no requirements for CO.

The emission limits for this boiler should be listed as follows:

PM	x lb./MM BTU	B
SO_2	y lb./MM BTU	L
NO_x	z lb./MM BTU	A
VOC	98% control	S
CO	b lb./MM BTU	U

14. Control Equipment or Process Modification Description: Describe control equipment (ESP, fabric filter, etc.), operational modifications, limits on the type and amount of raw materials used, limits on throughput or hours of operation, maintenance requirements, equipment specifications, or other limitations. Align these listings with data presented in preceding columns 11 and 12. Information in this section may be supplemented under the "Notes" section.

15. Efficiency %: Enter the overall system efficiency, consisting of capture (hoods, ductwork, etc.) and collection (control device) efficiency. Any breakdown of efficiencies for capture or collection individually should be shown under "Notes."

16. Notes: This section is for the completion or elaboration of any of the above items where space was a problem. Also, any information that you feel other agencies should know about this determination should appear here. Notes are typically used for the following:

- more than one permit number,
- more detail on a particulate process,
- more than one contact person,
- further explanation regarding the designation of a source as new or modified,
- further explanation of the emission limit or the support documentation associated with setting the limit (i.e., limit based on design or stack test).

Mail to: Candace Sorrell
BACT/LAER Clearinghouse
U.S. EPA (MD-19)
RTP, NC 27711

BACT/LAER DETERMINATION INPUT SUMMARY SHEET

[2] Source Code

Date of This Report

Source Type/Size:[1] _____

Company Name/Site Location:[3] _____

Determination is:[4] (circle appropriate definition)

BACT/LAER For New/Modified Source:

Permit No.:[5] _____

Date of Permit Issuance:[6] _____

Date of Estimated Start-up:[7] _____

Determination Made By:[8] _____ (Agency)

(Person Directly Knowledgeable About Permit) (Phone)

9 Permit Parameters: (List all processes subject to this permit)	10 Maximum Design Capacity	11* Pollutant Regulated	12 Emission limit(s) units of emissions/ units of input	13** Reg. reqmts. assoc. w/limit	14 Control equipment of process modification description	15 Efficiency %

Notes:[15] _____

*Use the following abbreviations wherever possible: PM=particulate matter, SO_2=sulfur dioxide, NO_x=nitrogen oxides, CO=carbon monoxide, VOC=volatile organic compounds, VE=visible emission, TRS=total reduced sulfur, F=fluoride, Be=beryllium, H_2S=hydrogen sulfide, Hg=mercury, VC=vinyl chloride.

**Please use the following abbreviation: B=BACT, L=LAER, N=NSPS, H=NESHAP, A=NAAQS or PSD constraints, S=SIP, R=RACT, U=Unregulated.

Page __ of ___

APPENDIX G

DETAILED SOURCE LISTINGS

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 49.00 MW

COMPANY NAME/SITE LOCATION: COGENERATION NATIONAL CORP. — STOCKTON, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-05
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JIM HANSON (AGENCY CONTACT PERSON); (415)-974-8218 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/31/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, FLUIDIZED BED	300.00 MMBTU/H				
		SO2	26.0000 LB/H		BACT
				RECIR. FLUID. BED	95.00
				LIME INJECTION	
		NOX	30.0000 PPMDV AT 3% O2		LAER
				SNCR	80.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: COGENERATION NATIONAL CORP. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. AP84-190
DETERMINATION MADE BY: SAN JOAQUIN COUNTY APCD (AGENCY); SEYED SADREDIN (AGENCY CONTACT PERSON); (209)-462-8526 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/13/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	279.60 MMBTU/H				
		NOX	30.0000	PPMV AT 3% O2	
			12.0000	LB/H/UNIT	
				THERMAL DE-NOX W/MIN NH3/NOX RATIO =5.5/1 BY W*	
		SOX	13.0000	LB/H/UNIT	
				LIMESTONE INJECTION	95.00
		CO		SEE NOTE	
				OPTIMUM & STAGED COMBUSTION	
		PM	8.0000	EE-3 GR/SCF AT 12% CO2	
			10.0000	LB/H TOTAL	
				BAGHOUSE W/MAX AIR/CLOTH RATIO = 4 TO 1	
				PNEUMATIC ASH REMOVAL	
SILO, COAL STORAGE, 2 EA	557.00 T/D				
		PM			
				BAGHOUSE W/MAX AIR/CLOTH RATIO = 5 TO 1	99.00
CONVEYOR, COAL, CANOPY-COVERED	120.00 T/H				
		PM			
				TOTAL ENCLOSED, WATER SPRAY	99.00

NOTES --------
CO EMIS. LIMIT - LAER SUBORDINATE TO NOX LAER, LIMIT TO BE SET.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 49.90 MW

COMPANY NAME/SITE LOCATION: CORN PRODUCTS — STOCKTON, CA — SAN JOAQUIN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-04
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/16/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, FLUIDIZED BED	49.90 MW				
		SO2	59.0000 LB/H, 2 H AVG	LIMESTONE INJ.	90.00
		NOX	42.0000 LB/H 50.0000 PPM	STAGED COMBUSTION & AMMONIA INJ.	60.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL

COMPANY NAME/SITE LOCATION: CORN PRODUCTS , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. SEE NOTE
DETERMINATION MADE BY: SAN JOAQUIN COUNTY APCD (AGENCY) — SEYED SADREDIN (AGENCY CONTACT PERSON) — (209)-462-8526 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/29/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CIR. FLUIDIZED BED	620.00 MMBTU/H				
		NOX	30.0000	PPMV AT 3% O2	
				THERMAL DE-NOX AT A MIN NH3/NOX RATIO=5.5 TO 1, STAGED COMBUSTION	
		SO2	1421.0000	LB/D	
				LIMESTONE INJ., 1.6-1 CA/S	90.00
		CO		SEE NOTE	
			1842.0000	LB/D	
				EXCESS AIR & STAGED COMBUST.	
				AUTO AIR/FUEL RATIO CONTROL	
		PM	10.0000	LB/H	
			8.0000	EE-3 GR/DSCF AT 12% CO2	
				BAGHOUSE	
				PNEUMATIC ASH REMOVAL	
SILO, FUEL STORAGE, 2 EA	1700.00 T				
		PM			
				BAGHOUSE - MAX AIR/CLOTH RATIO = 5 TO 1	99.00
TRUCK UNLOADING	1440.00 T/D				
		PM			
				BAGHOUSE - MAX AIR/CLOTH RATIO = 5 TO 1	99.00
				TOTAL ENCLOSED W/VENT TO BAGHOUSE	
TRANSFER SYSTEM, COAL	120.00 T/H				
		PM			
				BAGHOUSE - MAX AIR/CLOTH RATIO = 5 TO 1	99.00
				TOTAL ENCLOSED W/VENT TO BAGHOUSE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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(CONTINUED) CORN PRODUCTS

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					

NOTES --------
CO EMIS. LIMIT-LAER SUBORDINATE TO NOX LAER, TO BE DETERMINED. NOTE - PERMIT NUMBERS AP84-190, AP84-185AB, AP84-182, AP84-184.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0128A

SOURCE TYPE CODE 1.1

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 16.50 MW

COMPANY NAME/SITE LOCATION: SCE - BIOGEN POWER PROJECT, IVANPAH VALLEY, 3 MI. WEST OF* , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. SE 85-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/26/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, CFBC, COAL FIRED	212.00 MMBTU/H				
		NOX	34.0000 PPM DRY, SEE NOTE		
			9.2000 LB/H, SEE NOTE		
				SELECTIVE NON-CATALYTIC REDUCTION, NH3 INJ.	80.00
		SO2	23.0000 PPM DRY, SEE NOTE		
			9.4000 LB/H, SEE NOTE		
				LIMESTONE INJECTION	92.00
		PM	0.0100 GR/DSCF AT 3% O2, SEE NOTE		
			4.5000 LB/H, SEE NOTE		
				BAGHOUSE	99.90
		CO	150.0000 PPM DRY, SEE NOTE		
			25.2000 LB/H, SEE NOTE		
				BOILER COMBUSTION CONTROLS	
		VE	10.0000 % OPACITY, MAX, SEE NOTE		
				BAGHOUSE	

NOTES --------
FUGITIVE EMISSIONS FROM COAL/LIMESTONE STORAGE, CONVEYING & TRANSFER POINTS, & ASH HANDLING ARE CONTROLLED BY FABRIC FILTRATIO
N SYSTEMS & ASH STORAGE SILOS. APPROX. 99% CONTROL EFFICIENCY IS EXPECTED.
NOTE - ALL ABOVE LIMITS ARE MEASURED ON A 3 HOUR AVERAGE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - COAL — 1500.00 MW

COMPANY NAME/SITE LOCATION: WHITE PINE POWER PROJECT, 48 MILES NORTH OF ELY — ELY, NV — WHITE PINE COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 996 THRU 1007
DETERMINATION MADE BY: NEVADA DEP (AGENCY) — GLEN GENTRY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/06/85
ESTIMATED DATE OF START-UP-- 1987
(702)-885-4670 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 2 EA	750.00 MW				
		PM	0.0200 LB/MMBTU 160.9000 LB/H	BAGHOUSE	BACT 99.60
		VE	20.0000 % OPACITY		
		SO2	0.1900 LB/MMBTU 1490.0000 LB/H	FGD LIME SPRAY ADSORPTION/DRYING	BACT 84.00
		CO	383.0000 LB/H	PROPER BOILER OPERATION	NAAQ
		F	24.0000 LB/H	PROPER BOILER OPERATION	NAAQ
		H2S*	35.6000 LB/H	PROPER BOILER OPERATION	NAAQ
		NOX	0.5500 LB/MMBTU, BIT. COAL 0.4500 LB/MMBTU, SUB. COAL	PROPER BOILER DESIGN & COMBUSTION TECHNIQUES	NAAQ
		HG	0.0500 LB/H 0.0060 G/SEC	PROPER BOILER OPERATION	NAAQ

NOTES ---------
SO2 - 30 DAY ROLLING AVERAGE

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER NV-0010

SOURCE TYPE CODE 1.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL

COMPANY NAME/SITE LOCATION: BERRY HOLDING CO. , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. SEE NOTE
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY); TOM PAXSON (AGENCY CONTACT PERSON); (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/02/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM	31.50 MMBTU/H				
		NOX	0.2000 LB/MMBTU 6.2600 LB/H		BACT
				LOW NOX BURNER FLUE GAS RECIRCULATION	61.80
GENERATOR, STEAM	31.50 MMBTU/H				
		NOX	0.2000 LB/MMBTU 6.2600 LB/H		BACT
				LOW NOX BURNERS FLUE GAS RECIRCULATION	61.80
		SO2	2.2400 LB/H 0.0460 LB/MMBTU		BACT
				CAUSTIC SOX SCRUBBER, PACKED TOWER	95.00
GENERATOR, STEAM, OIL FIRED	62.50 MMBTU/H				
		NOX	7.5000 LB/H		BACT
				LOW NOX BURNERS FLUE GAS RECIRCULATION	70.00
GENERATOR, STEAM, OIL FIRED	62.50 MMBTU/H				
		NOX	7.5000 LB/H		BACT
				LOW NOX BURNERS FLUE GAS RECIRCULATION	70.00
		SO2	4.4500 LB/H		BACT
				CAUSTIC SOX SCRUBBER, PACKED TOWER	95.00

NOTES --------
PERMIT NUMBERS 4016014A, 4016015B, 4016015A, 4016022, 4016023.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 250.00 MMBTU/H

COMPANY NAME/SITE LOCATION: PETRO-LEWIS CORP. SOUTH BELRIDGE OIL FIELD , CA — KERN COUNTY

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. SJ 83-09
DETERMINATION MADE BY: EPA REGION 9 (AGENCY) — LINH TRAN (AGENCY CONTACT PERSON) — (415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/07/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 5, EA	50.00 MMBTU/H				
		NOX	0.1200 LB/MMBTU	LO-NOX BURNERS	LAER 70.00
		SO2	0.0520 LB/MMBTU	2-STAGE VENTURI-EDUCTOR SCRUBBERS	BACT 95.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0116B

SOURCE TYPE CODE 1.2

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APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OIL — 62.50 MMBTU/H

COMPANY NAME/SITE LOCATION: UNICAL , CA — KERN COUNTY

DETERMINATION IS
PERMIT NO. 4051033E
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/27/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, OIL FIRED	62.50 MMBTU/H				
		SO4	54.6800 LB/D	FLUE GAS SCRUBBER	BACT 30.00

NOTES --------
OPERATES 24 H/D, 365 D/YR. THIS WAS A REVISED SO4 EMISSION LIMIT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0125

SOURCE TYPE CODE 1.2

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 28.00 MW

COMPANY NAME/SITE LOCATION: CALCOGEN, CAL POLYTECHNIC INSTITUTE — SAN LUIS OBISPO, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SCC 83-01
DETERMINATION MADE BY: EPA REGION 9 (AGENCY) — LINH TRAN (AGENCY CONTACT PERSON) — (415)-974-7631 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/26/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	21.40 MW	NOX	42.0000 PPM AT 15% O2 WATER INJECTION	76.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 49.50 MW

COMPANY NAME/SITE LOCATION: GREENLEAF POWER CO. PUTHAM PARCEL — YUBA CITY, CA — SUTTER COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. SAC 84-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — LINH TRAN (AGENCY CONTACT PERSON) — (415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/18/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM-5000	35.62 MW	NOX	42.0000 PPMV AT 15% O2 91.0000 LB/H	H2O INJECTION	
		PM	2.1000 LB/H	MULTICYCLONE	
		CO	20.4000 LB/H	GOOD ENGINEERING PRACTICES	99.92
BURNER, DUCT	63.70 MMBTU/H	NOX	0.1000 LB/MMBTU 6.4000 LB/H	LOW NOX DESIGN	
		PM	0.3400 LB/H	USE OF NAT. GAS AS FUEL	
		CO	0.1200 LB/MMBTU 7.6000 LB/H	CONTROLLED BY NOX & PM CONTROL SYS, GEP	

NOTES --------
PLANT FEATURES A BIOMASS DRYING OF WOOD CHIPS, THUS RESULTING IN HIGH PARTICULATE EMISSIONS. PARTICULATE CONTROLS INCLUDE MULT
ICYCLONE COLLECTORS FOR THE DRYER & CONVEYING SYSTEM TO SEPERATE DRIED WOOD CHIP PRODUCT FROM THE AIR STREAM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0119

SOURCE TYPE CODE 1.3

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS

COMPANY NAME/SITE LOCATION: OLS ENERGY
CAMARILLO , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 1267-2
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY); KEITH DUVAL (AGENCY CONTACT PERSON); (805)-654-2845 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/30/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM2500	256.00 MMBTU/H			
		NOX	9.0000 PPMVD AT 15% O2	
			80.0000 % FOR SCR	
			H2O INJ. & SCR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - NATURAL GAS — 40.00 MW

COMPANY NAME/SITE LOCATION: SHELL CA PRODUCTION, INC.
SOUTH BELRIDGE OIL FIELD , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 85-08
DETERMINATION MADE BY: EPA REGION 9 (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)

DATE OF PERMIT ISSUANCE-- 02/06/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, GE LM 2500	20.00 MW			
		NOX	42.0000 PPM AT 15% O2 DRY H2O INJECTION	
		CO	41.0000 PPM AT 15% O2 DRY	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 15.00 MW

COMPANY NAME/SITE LOCATION: FAIRHAVEN POWER CO. — FAIRHAVEN, CA — HUMBOLDT COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. NC 84-03
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/12/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, WOOD FIRED	225.60 MMBTU/H				
		PM	0.0450 LB/MMBTU	ESP, MULTICYCLONE DUST COLLECTOR	99.10
		NOX	0.2000 LB/MMBTU	BOILER DESIGN W/40% EXCESS COMBUSTION AIR	
		CO	0.3500 LB/MMBTU	BOILER DESIGN W/40% EXCESS COMBUSTION AIR	
		VOC	0.0700 LB/MMBTU	BOILER DESIGN W/40% EXCESS COMBUSTION AIR	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE

COMPANY NAME/SITE LOCATION: SUPERIOR FARMING CO. , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 3032006A
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY); TOM PAXSON (AGENCY CONTACT PERSON); (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/25/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, 4-COMBUSTION CELL	100.00 MMBTU/H	NOX	0.1650 LB/MMBTU	FLUE GAS RECIRCULATION LEA, STAGED COMBUSTION	LAER
BOILER, 4-CELL COMBUSTION	100.00 MMBTU/H	NOX	0.0656 LB/MMBTU	FLUE GAS RECIRCULATION	LAER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - WOOD WASTE — 26.00 MW

COMPANY NAME/SITE LOCATION: ULTRASYSTEMS INC. — CHINESE CAMP, CA

DETERMINATION IS
PERMIT NO. 55-8986
DETERMINATION MADE BY: TUOLUMNE COUNTY APCD (AGENCY); EARL WITHYCOMBE (AGENCY CONTACT PERSON); (916)-862-1233 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/09/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, FLUID BED, WOOD FIRED	370.00 MMBTU/H				
		PM	0.0470 LB/MMBTU	MULTICLONE, ESP	99.20
		NOX	0.1490 LB/MMBTU	THERMAL DENOX, FLUID BED	55.00
		SO2	0.1400 LB/MMBTU		
		VOC	0.0980 LB/MMBTU	FLUID BED COMBUSTOR	
		CO	0.1500 LB/MMBTU	FLUID BED COMBUSTOR	

NOTES --------
TSP & NOX CONTROLS DESIGNED TO MAINTAIN EMISSIONS UNDER 100 T/YR PSD TRIGGER & EXPEDITE PERMIT PROCESSING TIME.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - MULTIPLE FUELS — 212.00 MW

COMPANY NAME/SITE LOCATION: PACIFIC THERMONETICS, INC. — CROCKETT, CA — CONTRA COSTA COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. NSR 4-4-3, SFB 85-02
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — LINH TRAN (AGENCY CONTACT PERSON) — (415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/10/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
TURBINE, GAS, FRAME 7, 2 EA	1015.00 MMBTU/H			
		NOX	25.0000 PPMV AT 15%, NAT. GAS	
			42.0000 PPMV AT 15%, FUEL OIL	
				QUITE COMBUSTOR, NAT. GAS FIRING
				LIMITED TO 330 H/YR OF FUEL OIL FIRING
		PM	0.0400 GR/DSCF	
			0.1100 % S BY WT.	
				LOW S FUEL OIL & LIMITED TO 330 H/YR
BURNER, DUCT, HRSG, 2 EA	352.50 MMBTU/H			
		NOX	0.1000 LB/MMBTU	
				LO-NOX BURNER
		PM		
				USE OF NAT. GAS IN THE HRSG BURNERS

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 25.00 MW

COMPANY NAME/SITE LOCATION: THERMAL POWER — BEAR CREEK CANYON, CA — LAKE COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. NC 84-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY) — MATT HABER (AGENCY CONTACT PERSON) — (415)-974-8209 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/20/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
POWER PLANT, GEOTHERMAL	25.00 MW				
		H2S	2.0000 LB/H	STRETFORD PROCESS, H2O2/FE CATALYST, TURBINE B*	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0123

SOURCE TYPE CODE 1.6

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: EXTERNAL COMBUSTION - OTHER — 49.90 MW

COMPANY NAME/SITE LOCATION: VALLEY POWER ASSOC. — APPROX. 2 MI. SOUTH OF DELANO , CA — KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 84-02
DETERMINATION MADE BY: EPA REGION 9 (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/24/84
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	190000.00 LB/H STEAM				
		SO2	38.0000 PPMV	LIMESTONE INJECTION	
		NOX	143.0000 PPMV	COMBUSTION CONTROLS-STAGED COMBUSTION & LEA	80.00
		CO	329.0000 PPMV	COMBUSTION CONTROLS	60.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0134

SOURCE TYPE CODE 1.6

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION — 120.00 T/D

COMPANY NAME/SITE LOCATION: ALTERNATIVE FUELS INDUSTRIES — FRANKLIN, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-759
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY); THOMAS TUCKER (AGENCY CONTACT PERSON); (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/17/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR	120.00 T/D				
		PM	0.0300 GR/DSCF AT 12% CO2	CYCLONE, ESP	BACT 98.50
		SO2	9.0000 LB/H	LIMESTONE IN COMBUSTION BED	BACT 25.00
		NOX	16.6000 LB/H		BACT
		CO	16.0000 LB/H	DESIGN & OPERATING PRACTICES	BACT 90.00
		VOC	3.8000 LB/H	DESIGN & OPERATING PRACTICES	BACT 50.00
		BE	0.0220 LB/D		BACT
		HG	7.0500 LB/D		BACT
		HCL	5.3000 LB/H	LIMESTONE COMBUSTION BED	BACT 40.00
		PB	0.5000 LB/H	CYCLONE, ESP	BACT 70.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

SOURCE TYPE/SIZE: REFUSE INCINERATION — 480.00 T/D

COMPANY NAME/SITE LOCATION: KAISER ENGINEERS CORP. / OAKLAND SCAVENGER — FREMONT, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SFB 84-01
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JIM HANSON (AGENCY CONTACT PERSON); (415)-974-8218 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/31/85
ESTIMATED DATE OF START-UP-- 1989

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTION TRAIN, 2 STAGE, W/HE*	480.00 T/D MSW				
		SO2	14.3000 LB/H		
			30.0000 PPMDV AT 12% CO2		
				DRY SCRUBBER	95.00
		NOX	68.5000 LB/H		BACT
			200.0000 PPMDV		
				FGR	25.00
				STAGED COMBUSTION	
		PM	4.2000 LB/H		BACT
				BAGHOUSE	99.90
		HG	0.3500 LB/H		BACT
				BAGHOUSE	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS:

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION — 2001.00 T/D RDF

COMPANY NAME/SITE LOCATION: MID-CONNECTICUT RESOURCE RECOVERY FACIL* — HARTFORD, CT

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 075-0044 THRU 46
DETERMINATION MADE BY: CONNECTICUT DEP (AGENCY); ALFRED CONKLIN (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 04/18/85
ESTIMATED DATE OF START-UP-- 1989
(203)-566-8230 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE/BOILER, RDF/COAL-FIRED,*	249.00 MMBTU/H, CO*				
		PM	0.0100	GR/DSCF AT 12% CO2	B/L
			0.0150	GR/DSCF AT 12% CO2 DRY GAS SCRUBBER/BAGHOUSE	
		SOX	0.3200	LB/MMBTU HEAT INPUT, RDF	BACT
			0.5500	LB/MMBTU HEAT INPUT, COAL DRY GAS SCRUBBER	
		VOC	70.0000	PPMV AS CH4 OPTIMUM COMBUSTION	B/L
		NOX	0.6000	LB/MMBTU HEAT INPUT OPTIMUM COMBUSTION	BACT
		HCL	50.0000	PPMV, SEE NOTE DRY GAS SCRUBBER	BACT 90.00
		CO	0.0020	CO/CO2 RATIO OPTIMUM COMBUSTION	LAER
		VE	10.0000	% OPACITY	BACT

NOTES --------
EACH FURNACE IS CAPABLE OF CO-FIRING RDF AND BITUMINOUS COAL. THE FACILITY IS EXPECTED TO GENERATE UP TO 68 MW OF ELECTRICITY. FOR MORE INFORMATION ON PM LIMITS CONTACT STATE AGENCY PERSONNEL. HCL OPERATING LIMIT IS 80% REMOVEL OR 50 PPMV WHICHEVER IS L EAST STRINGENT, & 90% REMOVAL FOR EMISSION TESTING.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

191

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION — 300.00 T/D REFUSE

COMPANY NAME/SITE LOCATION: MONTGOMERY CNTY NORTH & SOUTH REDUCTION* — DAYTON, OH — MONTGOMERY COUNTY

DETERMINATION IS
PERMIT NO. 08-956
DETERMINATION MADE BY: OHIO REGIONAL APCA (AGENCY) — VICTORIA HATHAWAY-SARVER (AGENCY CONTACT PERSON) — (513)-225-4438 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
INCINERATOR, ROTARY KILN, 2	300.00 T/D				
		PM	0.0300 GR/DSCF	ESP	BACT 99.00
		SO2	2.5000 LB/T		
		VOC	0.4000 LB/T	SEE NOTE #1	
		NOX	3.2000 LB/T	SEE NOTE #2	
		CO	4.0000 LB/T	SEE NOTE #2	
		PB	0.0160 LB/T	ESP	BACT 99.00
		VE	5.0000 % OPACITY	ESP	NSPS 99.00

NOTES --------
NOTE #1 - VOC CONTROLLED BY KILN TEMPERATURE. NOTE #2 - NOX & CO CONTROLLED BY COMBUSTION EFFICIENCY. TESTS TO CONFIRM EMISSIO
N RATES TO BE PERFORMED APPROX. APRIL 198?.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0080

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION — 1100.00 T/D

COMPANY NAME/SITE LOCATION: NORTH COUNTY RESOURCE RECOVERY ASSOC. — SAN MARCOS, CA

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 30289
DETERMINATION MADE BY: SAN DIEGO COUNTY APCD (AGENCY) — JUDITH LAKE (AGENCY CONTACT PERSON) — (619)-565-5908 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/30/84
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, SEE NOTE #1	46.40 T/H RDF	NOX	200.0000 PPMV, 8 H AVG 169.0000 LB/H		BACT
		SO2	30.0000 PPMV, 8 H AVG 38.9000 LB/H	STAGED COMBUSTION, DESIGN	
		PM	0.0100 GR/DSCF 64.5000 LB/H	DRY SCRUBBER, BAGHOUSE	85.00
		FSP	8.0000 EE-3 GR/DSCF	BAGHOUSE	99.00
				BAGHOUSE STANDARD FOR PARTICLES < 2 MICRONS	99.00
		CO	400.0000 PPMV, 8 H AVG 236.0000 LB/H		LAER
		VOC	30.0000 PPMV, 8 H AVG 10.1000 LB/H	COMBUSTION DESIGN, NOTE #3	LAER
		HCL	30.0000 PPMV, 8 H AVG 10.4000 LB/H	COMBUSTION DESIGN, NOTE #3	
		HF	3.0000 PPMV, 8 H AVG 0.2080 LB/H	DRY SCRUBBER, BAGHOUSE	95.00
				DRY SCRUBBER, BAGHOUSE.	90.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		HG	7.9500 EE-2 LB/H		
		PB	1.2700 EE-1 LB/H	BAGHOUSE	
		SB	1.7300 EE-2 LB/H	BAGHOUSE	99.00
		AS	2.8400 EE-6 LB/H	BAGHOUSE	99.00
		BE	2.3400 EE-5 LB/H	BAGHOUSE	99.00
		CD	1.0900 EE-2 LB/H	BAGHOUSE	99.00
		CR	1.4600 EE-3 LB/H	BAGHOUSE	99.00
		CU	1.5600 EE-2 LB/H	BAGHOUSE	99.00
		MN	2.8000 EE-2 LB/H	BAGHOUSE	99.00
		MO	7.5400 EE-4 LB/H	BAGHOUSE	99.00
		NI	1.5300 EE-4 LB/H	BAGHOUSE	99.00
		SE	6.7100 EE-5 LB/H	BAGHOUSE	99.00
		SN	1.4400 EE-2 LB/H	BAGHOUSE	99.00
		V	6.2900 EE-3 LB/H	BAGHOUSE	99.00
		ZN	3.8600 EE-3 LB/H	BAGHOUSE	99.00
		PAH	2.3900 EE-5 LB/H	BAGHOUSE	99.00
		PCB	1.5200 EE-4 LB/H	COMBUSTION DESIGN, NOTE#3	
		PCDD	8.1200 EE-4 LB/H	COMBUSTION DESIGN, NOTE#3	
		PCDF	1.6400 EE-3 LB/H	COMBUSTION DESIGN, NOTE#3	
		ODOR	1.0000 ODOR UNIT AT PROP. LINE	COMBUSTION DESIGN, NOTE#3	
				ENCLOSED TIPPING AREA EXH. TO BOILER	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

(CONTINUED) NORTH COUNTY RESOURCE RECOVERY ASSOC.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)				
		VE	10.0000 % OPACITY INSTANT MAX 0.0000 % OPACITY > 3 MIN/60 MIN PERIOD BAGHOUSE	99.00

NOTES --------
1) H2O-WALL,TRAVEL GRATE,SPREAD STOKER BOILER. 2)EXHAUST CONC ARE DRY, CORR TO 12% CO2. GASEOUS POLL AVG ON DAILY VOL BASIS W/ CORR TO 12% CO2 & ARE ROLL AVG. 3) AVG COMBUST ZONE TEMP=2000+-200F, MIN TEMP=1800F. MIN RESID TIME=2 SEC AT 1800F. AUX FUEL USED TO MAINTAIN TEMP. CO/CO2 EXHAUST CONC RATIO<0.0033. COMBUST TEMPS TO BE MONIT CONTIN. OPTIMUM COMBUST VERIFIED BY O2 MONIT AT AIR PREHEAT OUTLET. TOTAL VAR IN O2<30%. CEM'S REQ FOR NOX,CO,SO2,VOC,O2,CO2 W/COMPUTER LINK TO DIST OFFICE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION — 650.00 T/D

COMPANY NAME/SITE LOCATION: OGDEN MARTIN SYSTEMS OF BRISTOL — BRISTOL, CT

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 026-0026 & 0027
DETERMINATION MADE BY: CONNECTICUT DEP (AGENCY) — ALFRED CONKLIN (AGENCY CONTACT PERSON) — (203)-566-8230 (PHONE)

DATE OF PERMIT ISSUANCE-- 09/09/85
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FURNACE/BOILER, MSW FIRED, 2 EA	325.00 T/D MSW				
		PM	0.0100 GR/DSCF AT 12% CO2		
			0.0150 GR/DSCF AT 12% CO2	DRY GAS SCRUBBER/BAGHOUSE	BACT
		SOX	0.3200 LB/MMBTU HEAT INPUT	DRY GAS SCRUBBER	BACT
		NOX	0.6000 LB/MMBTU HEAT INPUT	OPTIMUM COMBUSTION	BACT
		VOC	70.0000 PPMV AS CH4	OPTIMUM COMBUSTION	BACT
		CO	0.0020 RATIO OF CO/CO2	OPTIMUM COMBUSTION	LAER
		HCL	50.0000 PPMV, SEE NOTE	DRY GAS SCRUBBER	BACT
		VE	10.0000 % OPACITY		90.00

NOTES --------
EACH FURNACE IS EQUIPPED WITH A 50.0 MMBTU/H NATURAL GAS BURNER. THE FACILITY IS EXPECTED TO GENERATE 16.2 MW OF ELECTRICITY. FOR MORE INFORMATION ON THE PM LIMIT CONTACT STATE AGENCY PERSONNEL. HCL LIMIT IS 90% REMOVAL OR 50 PPMV WHICHEVER IS LEAST STRINGENT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CT-0004

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: REFUSE INCINERATION

COMPANY NAME/SITE LOCATION: TRI-CITIES RESOURCE RECOVERY , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 29795
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) BRIAN BATEMAN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 12/03/85
ESTIMATED DATE OF START-UP-- 1988
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FACILITY, MUNICIPAL SOLID WASTE*	480.00 T/D				
		PM	0.0100 GR/DSCF	DRY SCRUBBER, BAGHOUSE	
		SOX	30.0000 PPMVD AT 12% O2	DRY SCRUBBING	
		NOX	200.0000 PPMVD AT 12% O2	FLUE GAS RECIRCULATION COMBUSTION MODIFICATION	
		CO	100.0000 PPMVD AT 12% CO2	COMBUSTION MODIFICATION	
		VOC	50.0000 PPMVD AT 12% CO2	COMBUSTION MODIFICATION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0154

SOURCE TYPE CODE 2.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER SOLID WASTE DISPOSAL — 960.00 T/D

COMPANY NAME/SITE LOCATION: WESTERN POWER GROUP — BRAWLEY, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SE 85-05
DETERMINATION MADE BY: EPA REGION IX (AGENCY); JIM HANSON (AGENCY CONTACT PERSON); (415)-974-8218 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/21/85
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COMBUSTOR, MULT. HEARTH/FLUIDIZ*	40.00 T/H MANURE				
		SO2	195.0000 LB/H	LIMESTONE INJ./FLUIDIZED BED	80.00
		NOX	135.0000 LB/H	MULT. HEARTH FURNACE W/RECIR. FLUID BED	
		PM	122.0000 LB/H	BAGHOUSE	99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0121

SOURCE TYPE CODE 2.3

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE NATURAL GAS TURBINES 18.90 MW

COMPANY NAME/SITE LOCATION CHEVRON, U.S.A. , CA KERN COUNTY

DETERMINATION IS BACT
PERMIT NO. 4008823-829
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/22/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, TURBINE W/GENERATOR, GA*	2.70 MW	PM	0.0106 LB/MMBTU	WATER INJECTION	BACT

NOTES --------
OPERATES 24 H/D, 7 D/WK, 52 WK/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0110

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 3.00 MW

COMPANY NAME/SITE LOCATION: CIBA GIEGY CORP. — SUMMIT, NJ

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 84-1522, SEE NOTE
DETERMINATION MADE BY: NEW JERSEY DEP (AGENCY) — THOMAS MICAI (AGENCY CONTACT PERSON) — (609)-984-3033 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/03/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS W/#2 OIL BACKUP	4000.00 HP				
		NOX	11.0600 LB/H	H2O INJECTION	SIP 55.00
		CO	9.4000 LB/H		
		VOC	0.7600 LB/H		
		SO2	12.4800 LB/H		
		PM	1.8500 LB/H		

NOTES --------
THIS IS A COGENERATION SYSTEM WITH A NON-FIRED WASTE HEAT BOILER. PERMIT REQUIRES 0.5 WATER/FUEL RATIO. SO2 ALLOWABLE IS BASED ON OIL FIRING. PSD IS NOT APPLICABLE.
NOTE - PERMIT NUMBER IS A TRACKING #.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER NJ-0006

SOURCE TYPE CODE 3.1

032

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE NATURAL GAS TURBINES 322.50 MMBTU/H

COMPANY NAME/SITE LOCATION ENERGY RESERVE, INC. , CA

KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 4121002
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/04/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED	322.50 MMBTU/H	NOX	185.4000 LB/D	WATER INJECTION & SELECTIVE CATALYTIC REDUCTION	BACT 92.50

NOTES --------
OPERATES 24 H/D, 365 D/YR

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0115

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION GILROY ENERGY CO. GILROY, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SFB 84-04
DETERMINATION MADE BY EPA REGION IX (AGENCY) JIM HANSON (AGENCY CONTACT PERSON) (415)-974-8218 (PHONE)
DATE OF PERMIT ISSUANCE-- 08/01/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2	60.00 MW	NOX	25.0000 PPMDV AT 15% O2 STEAM INJ./QUIET COMBUSTOR	
BOILER, AUXILIARY, 2	90.00 MMBTU/H	SO2	0.1200 % BY WT. FUEL OIL	
		NOX	40.0000 PPMDV AT 3% O2 LOW NOX BURNERS	

202

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0122

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: KERN ENERGY CORP. , CA

KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3093001
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	8.80 MMCF/D				
		NOX	8.2900 LB/H 0.0230 LB/MMBTU	SCR W/NH3 REDUCING AGENT & COMBUSTOR STEAM INJ. & LOW NOX CONFIG. EXH. DUCT BURNER	87.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0136

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: MORAN POWER, INC. , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3095001
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	8.00 MMCF/D			
		NOX	8.2900 LB/H 0.0200 LB/MMBTU SCR W/NH3 REDUCING AGENT & COMBUSTOR STEAM INJ. & LOW NOX CONFIG. EXH. DUCT BURNER	87.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0138

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: NORTHERN CALIFORNIA POWER , CA

DETERMINATION IS: FOR A NEW SOURCE.
PERMIT NO. A/C 85-02
DETERMINATION MADE BY: MENDOCINO COUNTY APCD (AGENCY) R. SWAN (AGENCY CONTACT PERSON) (707)-463-4391 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/01/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE-GENERATOR, GE FRAME 5, *	25.80 MW			
		NOX	75.0000 PPM, SEE NOTE H2O INJ	

NOTES --------
OPERATION LIMITED TO 782 HOURS/YR ON NAT. GAS, 456 HOURS/YR ON 0.25% OIL OR 1032 HOURS/YR ON 0.1% OIL. NOX EMISSION LIMIT NOTE - H2O INJ. TO ACHIEVE 42. PPMVD AT 15% O2 FOR NAT. GAS, 65. PPMVD FOR OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0139

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 20.00 MW

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION CO.
BELRIDGE FIELD , CA
KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4012175
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/30/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS FIRED, 2 EA	22.00 MW				
		PM	3.9200 LB/H		
		CO	10.0000 PPMV AT 15% O2		BACT
			22.0000 LB/H	PROPER COMBUSTION	
		NOX	42.0000 PPM AT 15% O2		
			35.0000 LB/H	H2O INJECTION	

NOTES --------
IF EXHAUST GAS CO CONCENTRATION EXCEEDS 10 PPMV AT 15% O2,INSTALLATION OF OXIDIZING CATALYST FOR CO CONTROL OF AT LEAST 80% RE
DUCTION EFFICIENCY IS REQUIRED. OPERATIONAL LEVEL IS 80% OF DESIGN CAPACITY & OPERATES 24 H/D, 365 D/YR.
NO WATER INJECTION FOR NOX CONTROL. CEMS REQUIRED FOR NOX & O2. REGIONAL CONTACT IS MATT HABER/PHONE #(415)-974-8218.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP 02/28/1986

ID NUMBER CA-0112

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: SOUTHEAST ENERGY, INC. , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 3094001
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/18/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS	8.00 MMCF/D				
		NOX	8.2900 LB/H		
			0.0230 LB/MMBTU		
				SCR W/NH3 REDUCING AGENT & COMBUSTOR STEAM INJ. & LOW NOX CONFIG. EXH. DUCT BURNER	87.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0137

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: SUNLAW/INDUSTRIAL PARK 2 , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. AAP 120624,AAP 1206*
DETERMINATION MADE BY: SOUTH COAST AQMD (AGENCY); BOB PEASE (AGENCY CONTACT PERSON); (818)-572-6174 (PHONE)
DATE OF PERMIT ISSUANCE-- 06/28/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS W/#2 FUEL OIL BACK*	412.30 MMBTU/H				
		NOX	9.0000 PPMVD AT 15% O2	SCR & STEAM INJ.	
		CO	10.0000 PPMVD AT 15% O2	MFG GUARANTEE ON CO EMISSIONS	80.00
		SOX	0.0500 % S FUEL, BY WT.	LIMIT FUEL S CONTENT	

NOTES --------
ONE TURBINE IS PERMIT #APP 120624, AND THE OTHER IS #APP 120625. COMPANY ALSO KNOWN AS SUNLAW/U.S. GROWERS NO.2

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: UNION COGENERATION , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30810
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY); STEVE HILL (AGENCY CONTACT PERSON); (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/17/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS W/DUCT BURNER, 3 EA	16.00 MW				
		NOX	25.0000 PPMV AT 15% O2	H2O INJ. & SCR	
		CO	39.0000 LB/H		
			111.0000 T/YR	OXIDIZING CATALYST	80.00
		VOC	8.0000 LB/H		
			29.2000 T/YR	OXIDIZING CATALYST	7.00

NOTES --------
UNDER NORMAL CONDITIONS, TWO TURBINES WILL OPERATE WHILE ONE IS ON STANDBY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES

COMPANY NAME/SITE LOCATION: WILLAMETTE INDUSTRIES , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 0157-2
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY); KEITH DUVAL (AGENCY CONTACT PERSON); (805)-654-2845 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/26/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, GE LM-2500-33	230.00 MMBTU/H	NOX	15.0000 PPMVD AT 15% O2	
			H2O INJ. W/SELECTIVE CATALYTIC REDUCTION	92.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0144

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS TURBINES — 350.00 MMBTU/H

COMPANY NAME/SITE LOCATION: WITCO CHEMICAL CORP. — OILDALE, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SJ 83-07
DETERMINATION MADE BY: EPA REGION 9 (AGENCY); JIM HANSON (AGENCY CONTACT PERSON); (415)-974-8218 (PHONE)
DATE OF PERMIT ISSUANCE-- 12/19/84
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE	350.00 MMBTU/H	SO2	0.2500 % S	
		NOX	0.1800 LB/MMBTU OIL 0.2000 LB/MMBTU GAS	
BURNER, DUCT	111.60 MMBTU/H	NOX	0.1200 LB/MMBTU GAS FIRING ONLY	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0111A

SOURCE TYPE CODE 3.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: NATURAL GAS COMPRESSORS

COMPANY NAME/SITE LOCATION: SHELL CALIFORNIA PRODUCTION , CA

DETERMINATION IS FOR A MODIFIED SOURCE.
PERMIT NO. 0041-6
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY); KEITH DUVAL (AGENCY CONTACT PERSON); (805)-654-2845 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/02/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., CATERPILLER MODEL*	225.00 BHP				
		NOX	50.0000 PPMVD 0.8050 G/HP-H	NON-SELECTIVE CATALTYIC REDUCTION	90.00

NOTES --------
ENGINE USED AS A VAPOR RECOVERY COMPRESSOR. NOX LIMIT IS LEAST RESTRICTIVE OF THE TWO LIMITS & THE PERCENTAGE EFFICIENCY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 138.00 MMBTU/H

COMPANY NAME/SITE LOCATION: AMERICAN COGENERATION CORP. , CA — KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 4147002A THRU 007A
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/12/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, DUAL FUEL, 6 EA	23.00 MMBTU/H	NO2	10.0000 PPM, DRY AT 15% O2, GAS 90.0000 PPM, DRY AT 15% O2, OIL SELECTIVE CATALYTIC REDUCTION	BACT 87.00

NOTES --------
GAS FIRING CAPABILITY WAS ADDED TO THE TURBINE. OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0090A

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: AMERICAN COGENERATION TECHNOLOGY , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. A/C 3204 & 3277
DETERMINATION MADE BY: MONTEREY BAY UNIFIED APCD (AGENCY) — FRED THOITS (AGENCY CONTACT PERSON) — (408)-443-1135 (PHONE)
DATE OF PERMIT ISSUANCE-- 09/16/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, 2 EA, W/WASTE HEA*	220.40 MMBTU/H				
		NOX	17.0000 PPMV AT 15% O2 15.4000 LB/D TOTAL	H2O INJ. & SCR	60.00

NOTES --------
BOILER NOX EMISSION LIMITS ARE TENATIVE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0148

SOURCE TYPE CODE 3.3

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: GENSTAR GAS RECOVERY SYSTEMS , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30893 & 30970
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY); CRAIG ULLERY (AGENCY CONTACT PERSON); (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 08/29/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., 2	1100.00 HP				
		NOX	1.5000 G/HP-H	LEAN-BURN COMBUSTION	
ENGINE, RECIP., 2	2650.00 HP				
		NOX	1.5000 G/HP-H	LEAN-BURN COMBUSTION	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 7.50 MW

COMPANY NAME/SITE LOCATION: HAWAIIAN ELECTRIC, KEAHOLA GENERATING STATION, HI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. HI 83-03
DETERMINATION MADE BY: EPA REGION 9 (AGENCY) — JIM HANSON (AGENCY CONTACT PERSON) — (415)-974-8218 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/08/84
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, I.C., 3	3950.00 BHP	NOX	1158.0000 PPM AT 15% O2	INJ. TIMING RETARD 4 DEG	
		SO2	0.5000 % S FUEL		20.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER HI-0002

SOURCE TYPE CODE 3.3

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION

COMPANY NAME/SITE LOCATION: PACIFIC LIGHTING ENERGY , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30336
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) CRAIG ULLERY (AGENCY CONTACT PERSON) (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/01/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ENGINE, RECIP., SUPERIOR 165GTA	2650.00 HP	NOX	1.5000 G/HP-H PRECHAMBER IGNIT	

217

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0103A

SOURCE TYPE CODE 3.3

218

SOURCE TYPE/SIZE: OTHER INTERNAL COMBUSTION — 363.60 MMBTU/H

COMPANY NAME/SITE LOCATION: WITCO CHEMICAL CORP. , CA — KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 2026051B
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS, DUAL FUEL	363.60 MMBTU/H	VOC	21.9000 LB/MMSCF, GAS 3.4100 LB/MGAL, OIL	GOOD COMBUSTION PRACTICE & BURNER DESIGN.	BACT

NOTES --------
THIS IS A REVISION TO A PRES[illegible] EMISSION LIMIT. THIS OPERATION RUNS 24 H/D, 365 D/YR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: CONTINENTAL CAN CO. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30129
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) JUDY CUTINO (AGENCY CONTACT PERSON) (415)-771-6000 (PHONE)
DATE OF PERMIT ISSUANCE-- 03/15/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
OVEN, BAKE	1000.00 CANS/MIN/LI*	VOC	26.0000 T/YR	DIRECT FLAME AFTERBURNER	
				FUG. EMIS. COLLECTED FROM INSIDE OVENS	95.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0143

SOURCE TYPE CODE 4.1

222

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS — 1300.00 MM CANS/YR

COMPANY NAME/SITE LOCATION: CONTINENTAL CAN CO. — CINCINNATI, OH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 14-823
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — JIM SADELFELD (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATING APPLICATOR, OVER VARNISH	826.00 MM CAN/YR	VOC	0.3400 KG/L SOLIDS 2.1100 LB/GAL MINUS H2O	BACT
COATING APPLICATOR, INSIDE SPRAY	826.00 MM CAN/YR	VOC	0.8800 KG/L SOLIDS 3.6200 LB/GAL MINUS H2O	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: SURFACE COATING - CANS/COILS

COMPANY NAME/SITE LOCATION: CROWN CORK & SEAL CO., INC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30862
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY); J. CUTINO (AGENCY CONTACT PERSON); (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/31/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
CAN LINE, AL, 2 EA	810.00 CANS/MIN				
		VOC	24.0000 T/YR		
				THERMAL INCINERATION	95.00

221

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0153

SOURCE TYPE CODE 4.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE SURFACE COATING - CANS/COILS 1051.00 MM CAN/YR

COMPANY NAME/SITE LOCATION HEEKIN CAN CINCINNATI, OH

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 14-946
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY) JIM SADELFELD (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/10/86
ESTIMATED DATE OF START-UP-- 1986
(513)-251-8777 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LINERS, END SEAL COMPOUND, 2	674.00 MM CAN ENDS*	VOC	4.2000 LB/GAL MINUS H2O 77.8000 T/YR	BACT

NOTES --------
MODIFICATION TO EXISTING FACILITY "NETTED OUT" OF FED. OFFSET POLICY, LAER. PLANT USES 37044. GAL/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0081

SOURCE TYPE CODE 4.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: CONTAINER CORP. OF AMERICA , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30834
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) JOE SLAMOVICH (AGENCY CONTACT PERSON) (415)-771-6000 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/02/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING LINE, ROTOGRAVURE, 2	770.00 FT/MIN				
		VOC	73.6000 T/YR	LOW SOLVENT COATING	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0152

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: PEACEDALE PROCESSING , RI

DETERMINATION IS LAER FOR A MODIFIED SOURCE.
PERMIT NO. 734
DETERMINATION MADE BY: RHODE ISLAND DAHM (AGENCY); DOUG MCVAY (AGENCY CONTACT PERSON); (401)-277-2808 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/21/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COATER/LAMINATOR, FABRIC		VOC		AFTERBURNER	LAER 92.00

NOTES --------
SYSTEM EFFICIENCY OF 92% REPRESENTS 95% CAPTURE & 97% DESTRUCTION. AFTERBURNER WAS RETROFITTED TO EXISTING COATER/LAMINATOR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER RI-0003

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: SURFACE COATING - PAPERS/FABRICS

COMPANY NAME/SITE LOCATION: STECHER-TRAUNG-SCHMIDT , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 30733
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) E. LINDER (AGENCY CONTACT PERSON) (415)-771-6000 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/05/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRINTING PRESS, 6 COLOR LITHOGR*					
		VOC	15.0000 % VOC IN FOUNTAIN SOL.		
			272.0000 LB/D		
				REFRIGERATION & ALCOHOL RECLAIM	

225

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0050A

SOURCE TYPE CODE 4.2

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: SURFACE COATING - METAL FURNITURE

COMPANY NAME/SITE LOCATION: HAWORTH, INC. — HOLLAND, MI

DETERMINATION IS
PERMIT NO. 614-85
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — LYNN FIEDLER (AGENCY CONTACT PERSON) — (517)-322-1333 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ADHESIVE APPLICATION					
PAINTING, METAL FURNITURE		VOC	5.4400 LB/GAL		LAER
		VE	SEE NOTE		
		VOC	4.9600 LB/GAL APPLIED SOLIDS	HIGH SOLIDS PAINT, HIGH TRANSFER EFF.	LAER
		VE	SEE NOTE		

NOTES --------
NO VISIBLE EMISSIONS EXCEPT FOR UNCOMBINED WATER VAPOR.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER MI-0040

SOURCE TYPE CODE 4.4

236

SOURCE TYPE/SIZE: SOLVENT DEGREASING

COMPANY NAME/SITE LOCATION: EIMAC/VARIAN FAB CENTER , CA

DETERMINATION IS: FOR A NEW SOURCE.
PERMIT NO. 30832
DETERMINATION MADE BY: BAY AREA AQMD (AGENCY) — CRAIG ULLERY (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/12/85
ESTIMATED DATE OF START-UP--
(415)-771-6000 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DEGREASER, VAPOR, DETREX VS-8DOE		VOC	USE OF FREEBOARD CHILLERS	33.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

227

06/05/1986

SOURCE TYPE/SIZE: WASTE SOLVENT RECLAMATION

COMPANY NAME/SITE LOCATION: MANVILLE FOREST PRODUCTS , CA KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 0030008 & 9
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 11/06/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SOLVENT DEGREASER	70.00 CU FT INTER*	VOC	0.5000 MLB/H VENT DEGREASER TO EXISTING RECIR. INCIN.	BACT 95.60
SOLVENT DISTILLATION UNIT	70.00 CU FT INTER*	VOC	0.5000 MLB/H VENT DISTILLER TO EXISTING RECIR. INCIN.	BACT 95.60

NOTES --------
OPERATES 16 H/D, 7 D/WK, 52 WK/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

8222

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: GRAPHIC ARTS

COMPANY NAME/SITE LOCATION: THE SPECIALTY PAPERS CO. DAYTON, OH

DETERMINATION IS BACT
PERMIT NO. 08-896
DETERMINATION MADE BY: DAYTON RAPCA (AGENCY) DONNA GORBY-LEE (AGENCY CONTACT PERSON) (513)-225-4435 (PHONE)

DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PRESS/LAMINATOR, ROTOGRAVURE		VOC	84.0000 % CONTROL EFF.	CARBON ADSORPTION/SOLVENT RECOVERY SYS.	BACT 84.00

NOTES --------
86% CAPTURE EFF., 98% CONTROL EFF., & 84% OVERALL CONTROL EFF.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0016A .

SOURCE TYPE CODE 4.12

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: DRY CLEANING — 50.00 LB/LOAD

COMPANY NAME/SITE LOCATION: TOWN & COUNTRY CLEANERS — HAMILTON, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-770
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY); IRENE YUST (AGENCY CONTACT PERSON); (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/10/85
ESTIMATED DATE OF START-UP-- 1984

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER	50.00 LB/LOAD	VOC	100.0000 PPM	CARBON ADSORPTION	S/R 96.00
DISTIL.	10.00 GAL				
FILTER CARTRIDGE		VOC	60.0000 % VOC BY WT., SEE NOTE		S/R
		VOC		DRAIN 24 HRS. PRIOR TO DISPOSAL	S/R

NOTES --------
NOTE - STILL WASTE LIMITED TO 60% VOC BY WEIGHT.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0075

SOURCE TYPE CODE 4.13

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER ORGANIC EVAPORATION LOSS — 600.00 GAL/MIN

COMPANY NAME/SITE LOCATION: CHEMDYNE SITE — HAMILTON, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-847
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY); THOMAS TUCKER (AGENCY CONTACT PERSON); (513)-251-8777 (PHONE)

DATE OF PERMIT ISSUANCE-- 06/12/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
AIR STRIPPER	600.00 GAL/MIN				
		VOC	0.4500 LB/H		BACT
				CARBON ADSORPTION	90.00

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: PETROLEUM REFINING - AUXILIARY — 49.80 MW

COMPANY NAME/SITE LOCATION: UNION OIL CO. — RODEO, CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. SFB 85-03
DETERMINATION MADE BY: EPA REGION 9 (AGENCY) — ROBERT BAKER (AGENCY CONTACT PERSON) — (415)-974-8923 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/03/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TURBINE, GAS & DUCT BURNER	434.00 MMBTU/H	NOX	2.5000 PPM AT 15% O2	SCR STEAM INJ.	BACT 45.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0133

SOURCE TYPE CODE 5.5

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APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: PETROLEUM REFINING - ENTIRE OPERATION

COMPANY NAME/SITE LOCATION: BERRY HOLDING CO. , CA KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 4016015A & 4016023
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, OIL FIRED, 2	31.50 MMBTU/H				
		SO2	0.0460 LB/MMBTU	CAUSTIC SCRUBBER SULFUR IN FUEL OIL	BACT 95.00
		NO2	0.2600 LB/MMBTU	LOW NOX BURNER FLUE GAS RECIRCULATION	BACT 61.80
GENERATOR, STEAM, OIL FIRED	62.50 MMBTU/H				
		SO2	4.4500 LB/H	PACKED TOWER CAUSTIC SO2 SCRUBBER	BACT 95.00
		NO2	7.5000 LB/H	LOW NOX BURNER FLUE GAS RECIRCULATION	BACT 70.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE PETROLEUM REFINING - ENTIRE OPERATION 30.00 MMBTU/H

COMPANY NAME/SITE LOCATION SUN OIL CO. , CA KERN COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4014131
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 10/15/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, OIL FIRED	30.00 MMBTU/H				
		SO4	1.0200 LB/D	SCRUBBER & O2 CONTROLLER	BACT 30.00

NOTES --------
OPERATES AT 80% CAPACITY WHICH IS 4809.0 GAL/DAY CRUDE OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0114

SOURCE TYPE CODE 5.6

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: STORAGE OF PETROLEUM LIQUIDS

COMPANY NAME/SITE LOCATION: ELK HILLS NAVAL PETROLEUM RESERVE #1 , CA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 4091176 & 4091178
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/26/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STORAGE TANK, CRUDE OIL	1000.00 BBL				
		VOC	0.1800 LB/D	VAPOR SPACE BLANKET SYSTEM, VENTED TO NAT GAS PIPELINE	99.70
VAPOR COLLECTION SYSTEM					
		VOC	28.2600 LB/D	GAS/CONDEN. SEPERATOR & COLL. SYS W/VENT TO PIPELINE	99.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0156

SOURCE TYPE CODE 5.9

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: STORAGE OF PETROLEUM LIQUIDS — 840000.00 GAL

COMPANY NAME/SITE LOCATION: SUN EXPLORATION & PRODUCTION , CA — KERN COUNTY

DETERMINATION IS: FOR A NEW SOURCE.
PERMIT NO. 4014503
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/08/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
TANK BATTERY					
		VOC	4.1900 LB/D 0.1700 LB/H	INCIN. IN STEAM GEN.	99.00

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0157

SOURCE TYPE CODE 5.9

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: PETROLEUM INDUSTRY -- OTHER

COMPANY NAME/SITE LOCATION: E.I. DUPONT DE NEMOURS & CO., INC. — BEAUMONT, TX — JEFFERSON COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 9594
DETERMINATION MADE BY: TEXAS ACB (AGENCY) — LOUIS ROBERTS (AGENCY CONTACT PERSON) — (512)-451-5711 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/20/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, AMMONIA				
		VOC		
			FLARE	BACT
			REFRIGERATED CONDENSER	99.00

NOTES --------
LOW NOX BURNERS NOT TECHNICALLY PRACTICABLE IN CONVERSION FURNACE.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: PETROLEUM INDUSTRY -- OTHER — 4.20 MCFM

COMPANY NAME/SITE LOCATION: GETTY SYNTHETIC FUELS, INC. — CINCINNATI, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-822
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — DEBORAH ASHWORTH (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LANDFILL METHANE GAS RECOVERY P*	4.20 MCFM				
		VOC	4.4100 LB/H	CARBON ADSORPTION	BACT
		HCL	3.9000 LB/H		99.90 BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0077

SOURCE TYPE CODE 5.16

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: PETROLEUM INDUSTRY -- OTHER — 187.50 MMBTU/H

COMPANY NAME/SITE LOCATION: PETRO-LEWIS CORP. , CA — KERN COUNTY

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 4052135 THRU 137
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 10/29/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, OIL FIRED, 3 *	62.50 MMBTU/H	PM	0.0280 LB/MMBTU	WET SCRUBBER	LAER 70.00
		SO4	0.0250 LB/MMBTU	WET SCRUBBER	LAER 32.60
		NO2	0.1200 LB/MMBTU	STAGED COMBUSTION BURNER & REDUCED FIRING RATE	LAER 70.60
		VOC	0.0068 LB/MMBTU	GOOD COMBUSTION PRACTICES & BURNER DESIGN	LAER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0116

SOURCE TYPE CODE 5.16

SOURCE TYPE/SIZE PETROLEUM INDUSTRY -- OTHER 62.50 MMBTU/H

COMPANY NAME/SITE LOCATION PETRO-LEWIS CORP. , CA KERN COUNTY

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. 4052138
DETERMINATION MADE BY KERN COUNTY APCD (AGENCY) TOM PAXSON (AGENCY CONTACT PERSON) DATE OF PERMIT ISSUANCE-- 10/29/85
ESTIMATED DATE OF START-UP--
(805)-861-3682 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
GENERATOR, STEAM, GAS FIRED	62.50 MMBTU/H	PM	0.0050 LB/MMBTU	GOOD COMBUSTION PRACTICE & BURNER DESIGN	LAER
		SO4		ZERO EMISSIONS	LAER
		NO2	0.0300 LB/MMBTU	LOW FUEL SULFUR CONTENT	LAER
		VOC	0.0030 LB/MMBTU	STAGED COMBUSTION BURNERS & REDUCED FIRING RATE	LAER 70.00
				GOOD COMBUSTION PRACTICE & BURNER DESIGN	LAER

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0116A

SOURCE TYPE CODE 5.16

210

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE SULFUR RECOVERY

COMPANY NAME/SITE LOCATION BURZA INTERNATIONAL, LTD. , TX

GALVESTON COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9755
DETERMINATION MADE BY TEXAS ACB (AGENCY) LOUIS ROBERTS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 07/31/85
ESTIMATED DATE OF START-UP-- 1986
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
RECEIVING PIT	100000.00 LT/YR				
		H2S	0.1000 T/YR	SPRINKLER	BACT
COLLECTION PIT					
		H2S	0.1000 T/YR	WATER SCREEN	BACT
SULFUR TANK					
		H2S	0.2000 T/YR	WATER SCREEN	BACT
SULFUR BELT					
		H2S	0.4000 T/YR	WATER SCREEN	BACT
STORAGE & TRANSFER, SULFUR					
		PM	0.9000 T/YR	SPRINKLER	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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SOURCE TYPE/SIZE OTHER CHEMICAL

COMPANY NAME/SITE LOCATION AKZO CHEMIE AMERICA , TX

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9692
DETERMINATION MADE BY TEXAS ACB (AGENCY) KAREN NEUMANN (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/19/85
ESTIMATED DATE OF START-UP-- 1985
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
NOURYSET 200 V					
		VOC	0.6600 T/YR	SCRUBBER	BACT 98.80

NOTES --------
VOC INCLUDES BUT IS NOT LIMITED TO ALLYL ALCOHOL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER CHEMICAL

COMPANY NAME/SITE LOCATION: B.F. GOODRICH CO., CHEMICAL DIV. LOUISVILLE, KY 40232

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 49-80
DETERMINATION MADE BY: JEFFERSON COUNTY APCD (AGENCY); MICHAEL DEBUSSCHERE (AGENCY CONTACT PERSON); (502)-584-8151 (PHONE)
DATE OF PERMIT ISSUANCE-- 02/15/80
ESTIMATED DATE OF START-UP-- 1981

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, SPREADER STOKER, COAL FI	192.30 MMBTU/H				
		PM	0.0300 LB/MMBTU	BAGHOUSE	LAER 99.00
		VE	20.0000 % OPACITY		SIP
		SO2	1.0000 LB/MMBTU	LOW SULFUR COAL	LAER
		NOX	0.6000 LB/MMBTU	BOILER DESIGN	BACT

NOTES --------
SPREADER STOKER BOILER

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE OTHER CHEMICAL

COMPANY NAME/SITE LOCATION EXXON CHEMICAL AMERICAS , TX

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 9674
DETERMINATION MADE BY TEXAS ACB (AGENCY) STUART KEIL (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/30/85
ESTIMATED DATE OF START-UP-- 1985
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FUGITIVES					
LOADING		VOC	24.5000 T/YR NOTE 1		LAER
STORAGE		VOC	10.2000 T/YR FLARE		BACT
		VOC	3.8000 T/YR NOTE 2		BACT

NOTES --------
NOTE 1 - MONITORING & MAINTENANCE. NOTE 2 - INTERNAL FLOATING ROOF TANK

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER TX-0175

SOURCE TYPE CODE 6.62

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: FERMENTATION AND ALCOHOLIC BEVERAGES — 31.00 MMBBL/YR

COMPANY NAME/SITE LOCATION: HUDEPOHL BREWING CO. — CINCINNATI, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-967
DETERMINATION MADE BY: SOUTHWEST OHIO APCA (AGENCY) — HARRY SCHWIETERING (AGENCY CONTACT PERSON) — (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE--
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, EXPERIMENTAL, ROT CASCA*	11.00 MMBTU/H				
		PM	0.1000 LB/MMBTU		BACT
				BAGHOUSE	99.00
		SO2	0.8300 LB/MMBTU		BACT
				LIMESTONE INJECTION	89.50
		NOX	0.6400 LB/MMBTU		BACT
				SYSTEM DESIGN	
		VE	10.0000 % OPACITY		BACT

NOTES --------
EMISSION LIMITS SUBJECT TO REVISION PENDING STACK TEST RESULTS.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL — 3.00 T/H

COMPANY NAME/SITE LOCATION: CALIFORNIA ALMOND GROWERS EXCHANGE , CA — KERN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 3080004
DETERMINATION MADE BY: KERN COUNTY APCD (AGENCY) — TOM PAXSON (AGENCY CONTACT PERSON) — (805)-861-3682 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/24/86
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SEPERATOR, PNEUMATIC, ALMOND SH*	3.00 T/H	PM	0.0050 GR/SCF 14.8100 LB/D	BAGHOUSE W/CARTRIDGE TYPE REVERSE AIR PULSE JET	BACT 99.99

NOTES --------
OPERATES 24 H/D, 365 D/YR

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0131

SOURCE TYPE CODE 7.12

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION CUSTOM SEED CO. , TX

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9783
DETERMINATION MADE BY TEXAS ACB (AGENCY) JOHN ARGUBRIGHT (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 08/19/85
ESTIMATED DATE OF START-UP-- 1985
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SEED CLEANER	1500.00 T/YR	PM	0.2900 T/YR	CYCLONE	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER TX-0176

SOURCE TYPE CODE 7.12

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION: FRITO-LAY, INC. KATHLEEN, GA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 2099-076-9229
DETERMINATION MADE BY: GEORGIA EPD (AGENCY); CURT CHURCHILL (AGENCY CONTACT PERSON); (404)-656-4867 (PHONE)
DATE OF PERMIT ISSUANCE-- 01/24/86
ESTIMATED DATE OF START-UP-- 1988

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED, 2 EA	75.00 MMBTU/H	PM	0.1000 LB/MMBTU	BAGHOUSE	BACT 99.00
		NOX	0.7000 LB/MMBTU	BOILER DESIGN & EXCESS AIR CONTROL	BACT
		SO2	1.0000 % SULFUR COAL	LOW S COAL	BACT
		VE	20.0000 % OPACITY		SIP

NOTES --------
PERMIT ISSUED FOR AN ENTIRE SNACK FOOD MFG FACILITY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER GA-0018

SOURCE TYPE CODE 7.12

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER FOOD & AGRICULTURAL

COMPANY NAME/SITE LOCATION: J. G. BOSWELL CO. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 8502
DETERMINATION MADE BY: KINGS COUNTY APCD (AGENCY); MARTIN KEAST (AGENCY CONTACT PERSON); DATE OF PERMIT ISSUANCE-- 02/05/85; ESTIMATED DATE OF START-UP-- 1985; (209)-584-1411 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS / CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
FACILITY, COTTON GIN	100.00 BALES/H			
		PM	0.1000 GR/SCF	
			13-3D CYCLONE COLLECTORS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0142

SOURCE TYPE CODE 7.12

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: PRIMARY ALUMINUM PRODUCTION

COMPANY NAME/SITE LOCATION: GRANITE CONSTRUCTION CO. , CA

KERN COUNTY

DETERMINATION IS
PERMIT NO. 10080070
DETERMINATION MADE BY: TOM PAXSON (AGENCY); KERN COUNTY APCD (AGENCY CONTACT PERSON); (805)-861-3682 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/16/86
ESTIMATED DATE OF START-UP-- 1983

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, ASPHALT BATCH	190.00 MMBTU/H				
		SO2	199.2000 LB/D		
			4008.0000 GAL/D AT 0.7% S MAX		
				ADJ. CONE ORIFICE WET SCRUBBER & SPRAY CHAMBER	50.00

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0091A

SOURCE TYPE CODE 8.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: PRIMARY ALUMINUM PRODUCTION — 300.00 T/H

COMPANY NAME/SITE LOCATION: PECKHAM MATERIALS CORP. — NEW MILFORD, CT

DETERMINATION IS B/L FOR A NEW SOURCE.
PERMIT NO. 130-0020
DETERMINATION MADE BY: CONNECTICUT DEP (AGENCY); ALFRED CONKLIN (AGENCY CONTACT PERSON); (203)-566-8230 (PHONE)
DATE OF PERMIT ISSUANCE-- 05/24/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
PLANT, ASPHALT BATCH	3150.00 T/D				
		PM	0.0200 GR/ACF	FABRIC FILTER	LAER 99.90
		SO2	0.5000 % SULFUR FUEL	FUEL RESTRICTIONS	BACT
		VE	20.0000 % OPACITY		

NOTES --------
BURNER FIRING RATE = 796.0 GALLONS/HOUR #2 OR #4 OIL.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CT-0003

SOURCE TYPE CODE 8.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE IRON & STEEL PRODUCTION 30.00 T/H

COMPANY NAME/SITE LOCATION ARMCO, INC. MIDDLETOWN, OH

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 14-736
DETERMINATION MADE BY SOUTHWEST OHIO APCA (AGENCY) THOMAS TUCKER (AGENCY CONTACT PERSON) (513)-251-8777 (PHONE)
DATE OF PERMIT ISSUANCE-- 07/31/85
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ELECTROGALVANIZING LINE	30.00 T/H STEEL C*	PM	0.0100 GR/DSCF	DEMISTER, PACKED COLUMN SCRUBBER	BACT 90.00

NOTES --------
CONTROL EQUIPMENT CHOSEN BASED ON COST & PHYSICAL CHARACTERISTICS OF THE EMISSION STREAM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0078

SOURCE TYPE CODE 8.5

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APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: GRAY IRON FOUNDARIES

COMPANY NAME/SITE LOCATION: GMC-CENTRAL FOUNDRY DIV., SAGINAW GREY * — 1629 N. WASHINGTON AVE. — SAGINAW, MI

DETERMINATION IS LAER FOR A NEW SOURCE.
PERMIT NO. SEE NOTES
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — DAVID YANOCHKO (AGENCY CONTACT PERSON) — (517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/15/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SANDHANDLING	700.00 T/H SAND	PM	0.0100 LB/MLB DRY EXHAUST GAS	VENTURI ROD BED SCRUBBER	LAER
CASTING SHAKEOUT, VIBRATORY	600.00 CASTINGS/H	PM	0.0220 LB/MLB DRY EXHAUST GAS	VENTURI ROD BED SCRUBBER	LAER
SANDCOOLERS, ROTARY & VIBRATORY	700.00 T/H SAND	PM	0.0220 LB/MLB DRY EXHAUST GAS	VENTURI ROD BED SCRUBBER	LAER
SAND MULLERS, GREEN	700.00 T/H SAND	PM	0.0100 LB/MLB DRY EXHAUST GAS	VENTURI ROD BED SCRUBBER	LAER
SHOT BLAST	1900.00 CASTINGS/H	PM	0.0120 LB/MLB DRY EXHAUST GAS	VENTURI ROD BED SCRUBBER	LAER
GRINDER, CASTING	1900.00 CASTINGS/H	PM	0.0100 LB/MLB DRY EXHAUST GAS	VENTURI ROD BED SCRUBBER	LAER

NOTES --------
SANDHANDLING PROCESSES INCLUDES RETURN SAND, PREPARED SAND & CORE SAND, CONVEYORS, TRANSFER PTS., BUCKET ELEVATORS, ETC. VENTU
RI ROD SCRUBBER PRESSURE DROPS RANGE FROM 12 IN. W.G. FOR SANDHANDLING PROCESSES TO 16 IN. W.G. FOR SHAKEOUTS.
NOTE - PERMIT NUMBERS 628-85, 629-85, 703-85, 704-85, 705-85, 706-85, & 707-85.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER MI-0042

SOURCE TYPE CODE 8.11

SOURCE TYPE/SIZE ASPHALT BATCHING PLANTS 664.00 MT/YR

COMPANY NAME/SITE LOCATION AUSTIN PAVING CO. DALLAS, TX DALLAS COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9550
DETERMINATION MADE BY TEXAS ACB (AGENCY) ART KELLOGG (AGENCY CONTACT PERSON) (512)-451-5711 (PHONE)
DATE OF PERMIT ISSUANCE-- 04/02/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL PROCESSING	5000.00 T/YR				
		PM	1.4000 T/YR	FABRIC FILTER	BACT 99.00
HOT MIX PROCESS	664.00 MT/YR				
		SO2	92.0000 T/YR		
		PM	6.4000 T/YR	FABRIC FILTER	N/B 99.00
		CO	3.2000 T/YR		
		NOX	48.0000 T/YR		

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: ASPHALT BATCHING PLANTS — 340.00 T/H

COMPANY NAME/SITE LOCATION: RICHARDS & SON, INC. STATE RT. #7 — ROME, OH — LAWRENCE COUNTY

DETERMINATION IS
PERMIT NO. 07-125, 07-44-00-00*
DETERMINATION MADE BY: PORTSMOUTH LAA (AGENCY) — FRANK PHILLIPS (AGENCY CONTACT PERSON) — (614)-353-5156 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/02/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
ASPHALT CONCRETE BATCH PLANT	340.00 T/H	PM	0.0400 GR/DSCF	FABRIC FILTER, H & B MODEL #732-S	NSPS 99.90
		VE	20.0000 % OPACITY		

NOTES --------
SIC #2951, SCC #30500201

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER OH-0079

SOURCE TYPE CODE 9.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: GLASS MANUFACTURING

COMPANY NAME/SITE LOCATION: LIBBEY - OWENS - FORD CO.

LATHROP, CA

SAN JOAQUIN COUNTY

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. SJ 78-54
DETERMINATION MADE BY: EPA REGION IX (AGENCY); LINH TRAN (AGENCY CONTACT PERSON); (415)-974-7631 (PHONE)

DATE OF PERMIT ISSUANCE-- 12/17/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION ... & BASIS ... PCT EFF
FURNACE, GLASS MELTING	550.00 T/D	SO2	88.0000 LB/H	BATCH GYPSUM LIMIT-19.3 LB/HLB SAND

(*) INDICATES DATUM, WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0127

SOURCE TYPE CODE 9.11

SOURCE TYPE/SIZE: KRAFT PULP MILLS — 2000.00 T/D ADP

COMPANY NAME/SITE LOCATION: BRUNSWICK PULP & PAPER CO. — BRUNSWICK, GA

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 2931-063-9072
DETERMINATION MADE BY: GEORGIA EPD (AGENCY) — D. YARDUMIAN (AGENCY CONTACT PERSON) — (404)-656-4867 (PHONE)

DATE OF PERMIT ISSUANCE-- 01/31/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
KILN, LIME, #5	1060.00 T/D LIME MU*				
		TRS	8.0000 PPM AT 10% O2		NSPS
				AHLSTROM EDUCTION SCRUBBER	90.00
		PM	0.0670 GR/DSCF NAT GAS		NSPS
			0.1300 GR/DSCF FUEL OIL		
				AHLSTROM EDUCTION SCRUBBER	99.30

NOTES --------
SCRUBBER TO USE CAUSTIC FOR TRS CONTROL.

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(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: KRAFT PULP MILLS — 1200.00 T/D SEE NOTE

COMPANY NAME/SITE LOCATION: GEORGIA-PACIFIC CORP. — PALATKA, FL

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. PSD-FL-079
DETERMINATION MADE BY: FLORIDA DER (AGENCY); BRUCE MITCHELL (AGENCY CONTACT PERSON); (904)-488-1344 (PHONE)

DATE OF PERMIT ISSUANCE-- 11/15/85
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RECOVERY, NO. 5	607500.00 LB/H STEAM *				
		VE	20.0000 % OPACITY	ESP	BACT
		PM	0.0440 GR/DSCF CORR TO 8% O2		NSPS
			75.4000 LB/H	ESP	99.00
		SO2	150.0000 PPMV DRY		NSPS
			244.0000 LB/H		
		TRS	5.0000 PPMV DRY CORR TO 8% O2		NSPS
			5.2000 LB/H		
		NOX		ZERO	
				PROPER EQUIPMENT OPERATION	
		CO		ZERO	
				PROPER EQUIPMENT OPERATION	
		VOC		ZERO	
				PROPER EQUIPMENT OPERATION	
SMELT TANK, NO. 5, 2 TOTAL	63000.00 LB/H SMELT				
		PM	0.2000 LB/T BLS, DRY WT.		NSPS
			15.0000 LB/H	2 WET SCRUBBERS	98.00
		TRS	0.0168 LB/T LIQUOR SOLIDS, DRY WT.		NSPS
			1.3000 LB/H		
KILN, LIME, NO. 5	63299.00 LB/H LIME M*				
		VE	20.0000 % OPACITY	WET SCRUBBER	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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(CONTINUED) GEORGIA-PACIFIC CORP.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
		PM	0.1300 GR/DSCF CORR TO 10% O2		
			29.3000 LB/H		NSPS
				WET SCRUBBER	
		TRS	8.0000 PPMV DRY CORR TO 10% O2		99.70
BOILER, COMBINATION, NO.5	700000.00 LB/H STEAM *		1.1000 LB/H		NSPS
		VE	20.0000 % OPACITY		
				ESP	BACT
		PM	0.1000 LB/MMBTU, HI		
			108.0000 LB/H BARK		BACT
				ESP	
		SO2	0.6500 LB/MMBTU, HI		99.00
			704.0000 LB/H BARK		BACT
				S ANALYSIS OF THE FO	
		NOX	0.3000 LB/MMBTU, HI		
			325.0000 LB/H BARK		BACT
				PROPER EQUIPMENT OPERATION	
		CO		ZERO	
				PROPER EQUIPMENT OPERATION	
		VOC		ZERO	
				PROPER EQUIPMENT OPERATION	

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NOTES --------
AFTER CANVASSING MANY PULP MILLS IN FL., IT WAS FOUND THAT EXISTING RB'S ARE & HAVE BEEN ACHIEVING VE'S OF 20% OPACITY OR LESS . A TRIP TO THE MILL REVEALED THAT OPACITIES IN THE 20% RANGE CAN BE EXPECTED EVEN W/O 1/2 OF AN ESP, USEPA REG. 4 , GEORGIA-PACIFIC ON 5/8/85. FOR THE #5 COMB. BOILER, THE PERMITTEE ACCEPTED NSPS LIM. OF 40 CFR 60, SUBPART D, & DEPT. DIDN'T CLASSIFY PEAT AS A FOSSIL FUEL. NOTE - PROPOSED CAPACITY IS 2400. T/D UNBLEACHED PULP.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER FL-0035

SOURCE TYPE CODE 10.1

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: KRAFT PULP MILLS

COMPANY NAME/SITE LOCATION: NEKOOSA PAPER CO. — ASHDOWN, AR

DETERMINATION IS BACT FOR A MODIFIED SOURCE.
PERMIT NO. 278-AR-3
DETERMINATION MADE BY: ARKANSAS DPCE (AGENCY) — MIKE PORTA (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 10/01/85
ESTIMATED DATE OF START-UP--
(501)-562-7444 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, RECOVERY	4.40 MMLB/D BLS				
		PM	0.0440 GR/DSCF	ESP	BACT
		SO2	250.0000 PPM		BACT
		TRS	5.0000 PPM		NSPS
		VE	20.0000 % OPACITY		BACT
SMELT TANK	57000.00 LB/H SALT				
		PM	0.2000 LB/T BLS	SCRUBBER	BACT
		TRS	0.0084 G/KG		NSPS
		VE	20.0000 % OPACITY		BACT
BOILER, COAL FIRED	820.00 MMBTU/H				
		PM	0.1000 LB/MMBTU	SCRUBBER	
		SO2	1.2000 LB/MMBTU	SCRUBBER	
		NOX	0.7000 LB/MMBTU		
		VE	20.0000 % OPACITY		
BOILER, DUAL FUEL	160.00 MMBTU/H				
		PM	N/A	NATURAL GAS	
		SO2	N/A	NATURAL GAS	
		NOX	N/A	NATURAL GAS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

(CONTINUED) NEKOOSA PAPER CO.

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SAME PROCESS (CONTINUED)					
BOILER, DUAL FUEL	210.00 MMBTU/H	VE	20.0000 % OPACITY		
		PM	N/A	NATURAL GAS	
		SO2	N/A	NATURAL GAS	
		NOX	N/A	NATURAL GAS	
		VE	20.0000 % OPACITY		

NOTES --------
THIS PERMIT INCREASED THE ALLOWABLE PRODUCTION RATE OF REC. BOILER FROM 3.5 MMLB/D BLS TO 4.4 MMLB/D BLS. SMELT TANK FROM 4560 0 LB/H TO 57300 LB/H OF SALT CAKE. BOILER FROM 500000 TO 575000 LB/H STEAM, NO PHYSICAL MODIFICATIONS WERE MADE TO THIS BOILER. DUAL FUEL BOILERS WILL BURN NATURAL GAS BUT HAVE THE CAPACITY TO BURN #6 FUEL OIL DURING PERIODS OF NATURAL GAS CURTAILMENT & ARE NOT A PRIMARY SOURCE OF STEAM.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: WOOD PULPING (OTHER THAN KRAFT)

COMPANY NAME/SITE LOCATION: CONSOLIDATED PAPERS, INC. 621 NORTH BIRON AVE. BIRON, WI

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 84-DLJ-038
DETERMINATION MADE BY: WISCONSIN DNR (AGENCY) DAN JOHNSTON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 01/10/85
ESTIMATED DATE OF START-UP--
(608)-267-9500 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
COAL UNLOAD & HANDLING		PM	5.2800 LB/H 90.0000 % EFFICIENCY	UNDERGROUND HOPPERS	90.00
COAL STORAGE		PM	8.4600 LB/H 90.0000 % EFFICIENCY	CHEMICAL SUPPRESANTS	90.00
BOILER	445.16 MMBTU/H	PM	0.0750 LB/MMBTU	MULTICLONE, ELECTRO	
		SO2	1.2000 LB/MMBTU	0.47% S IN COAL, MAX	
		VOC	0.0500 LB/MMBTU		
		NOX	0.7000 LB/MMBTU		
		CO	0.1000 LB/MMBTU		
		VE	20.0000 % OPACITY		

NOTES --------
PSD APPROVED BY REGION 5, EPA-5-A-85-1, FEB. 15, 1985. NEW BOILER SHALL NOT BE OPERATED SIMULTANEOUSLY WITH 3 EXISTING BOILERS , FOR PSD, & SO2 FROM 4 EXISTING BOILERS SHALL NOT EXCEED 3.61 LB/MMBTU.
COAL HANDLING FUGITIVE DUST EMISSION FACTORS NOT AVAILABLE. ESTIMATES MADE.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP
ID NUMBER WI-0034
SOURCE TYPE CODE 10.2

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: WOOD PULPING (OTHER THAN KRAFT) — 70000.00 LB/H STEAM

COMPANY NAME/SITE LOCATION: FLETCHER PAPER CO. — ALPENA, MI

DETERMINATION IS
PERMIT NO. 682-84A
DETERMINATION MADE BY: MICHIGAN DNR (AGENCY) — D. FERRIER (AGENCY CONTACT PERSON) — (517)-373-7023 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/15/86
ESTIMATED DATE OF START-UP-- 1986

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER	70000.00 LB/H STEAM	PM	0.0500 LB/MMBTU	BAGFILTER	
		SO2	1.4000 LB/MMBTU	LOW S COAL	99.00
		NOX	0.6000 LB/MMBTU	COMBUSTION DESIGN	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER MI-0041

SOURCE TYPE CODE 10.2

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE HARDBOARD

COMPANY NAME/SITE LOCATION LOUISIANA PACIFIC CORP. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. LPO-75-04-AC
DETERMINATION MADE BY BUTTE COUNTY APCD (AGENCY) CRAIG GILMORE (AGENCY CONTACT PERSON) (916)-534-4383 (PHONE)

DATE OF PERMIT ISSUANCE-- 05/10/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
DRYER, WOOD FIBER	611248.00 LB/H WOOD F*	PM	0.0320 GR/SCF 25.3400 LB/H	HIGH EFF. CYCLONE	99.90

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0052A

SOURCE TYPE CODE 10.3

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: OTHER WOOD PRODUCTS — 117.00 MMBTU/H

COMPANY NAME/SITE LOCATION: COLLINS & AIKMAN CORP. — ALBEMARLE, NC

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 5825
DETERMINATION MADE BY: NORTH CAROLINA DEM (AGENCY) — MIKE SEWELL (AGENCY CONTACT PERSON) — (919)-733-7015 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/14/86
ESTIMATED DATE OF START-UP-- 1987

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
BOILER, COAL FIRED	117.00 MMBTU/H				
		PM	0.0500 LB/MMBTU	BAGFILTER	99.00
		SO2	1.5000 LB/MMBTU	LOW S COAL, 1%	
		NOX	0.6000 LB/MMBTU	CONTROL OF EXCESS AIR	
		F	6.4000 EE-3 LB/MMBTU		
		H2S*	0.0210 LB/MMBTU	LOW S COAL	

NOTES --------
NOX LIMIT IS BASED ON THE PROPOSED NSPS FOR BOILERS >100.0 MMBTU/H

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER NC-0036

SOURCE TYPE CODE 10.6

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE OTHER WOOD PRODUCTS

COMPANY NAME/SITE LOCATION HYPONEX CORP. , TX

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9767
DETERMINATION MADE BY TEXAS ACB (AGENCY) JOHN ARGUBRIGHT (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 08/01/85
ESTIMATED DATE OF START-UP-- 1985
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SCREENING & BAGGING	30000.00 T/YR	PM	6.0000 T/YR	WATER SPRAY	BACT

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER TX-0177

SOURCE TYPE CODE 10.6

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APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: GENERAL MANUFACTURING AND FABRICATION

COMPANY NAME/SITE LOCATION: ROCKWELL INTERNAT. MICRO ELECT. R&D FAC. , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. 1291
DETERMINATION MADE BY: VENTURA COUNTY APCD (AGENCY); STAN COWEN (AGENCY CONTACT PERSON); (805)-654-2458 (PHONE)

DATE OF PERMIT ISSUANCE-- 03/22/85
ESTIMATED DATE OF START-UP-- 1985

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
SEMICONDUCTOR MFG., POS. RESIST*	12500.00 WAFERS/YR				
		ACI*	0.1100 LB/H 0.2300 T/YR	STACK #1 PACKED H2O SCRUBBER	
		VOC	1.5800 LB/H 3.2900 T/YR	POS. PHOTO RESIST PROCESS	
REGENERATOR, KATHABAR	12500.00 WAFERS/D				
		LIT*	5.0000 EE-4 LB/H	RECLAIM LITHIUM-CHLORIDE W/MIST ELIMINATOR	
BOILER, GAS FIRED	50.00 HP				
		NOX	0.0400 LB/H 0.1800 T/YR	LOW NOX CERAMIC BURNERS	

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

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06/05/1986

SOURCE TYPE/SIZE INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION SEAMLESS HOSPITAL PRODUCTS EL PASO, TX

EL PASO COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. 9538
DETERMINATION MADE BY TEXAS ACB (AGENCY) LOUIS ROBERTS (AGENCY CONTACT PERSON)

DATE OF PERMIT ISSUANCE-- 03/15/85
ESTIMATED DATE OF START-UP-- 1985
(512)-451-5711 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
STERILIZATION	SEE NOTE	ETH*	0.3000 LB/H	VENTURI SCRUBBER	99.00

NOTES --------
PROCESS STERILIZES VARIETY OF HOSPITAL PRODUCTS. DESIGN CAPACITY IS DIFFICULT TO QUANTIFY.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER TX-0171

SOURCE TYPE CODE 12.0

APPENDIX -- DETAILED SOURCE LISTING

06/05/1986

SOURCE TYPE/SIZE: INSTITUTIONAL/COMMERCIAL

COMPANY NAME/SITE LOCATION: VANDENBERG AFB, STS PROGRAM , CA

DETERMINATION IS FOR A NEW SOURCE.
PERMIT NO. SEE NOTE
DETERMINATION MADE BY: SANTA BARBARA COUNTY APCD (AGENCY) DOUG GRAPPLE (AGENCY CONTACT PERSON) (805)-964-8658 (PHONE)

DATE OF PERMIT ISSUANCE-- 04/08/85
ESTIMATED DATE OF START-UP--

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LAUNCH PAD SERVICING, #V23	19888.30 LB/D	NOX	1.0000 LB/H	SCRUBBER	99.33
ORBITER MAINTANCE, #V19	19888.30 LB/D	NOX	1.0000 LB/H	SCRUBBER	97.30
FUEL SERVICING, PAYLOAD PREP., *	8000.00 LB/D	HYD*	0.1000 LB/H	SCRUBBER	99.99
SCRUBBER, WATER ASORB. MEDIUM	9133.50 LB/D HYDRAZ*	HYD*	0.1000 LB/H	SCRUBBER	99.99
LAUNCH PAD SERVICING, #V23	9133.50 LB/D HYDRAZ*	HYD*	0.1000 LB/H	SCRUBBER	99.99

NOTES --------
PERMIT NUMBERS 5621, 5622, 5624, 5625, 5626.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

REVIEW STATUS: INITIAL REVIEW POST STARTUP

ID NUMBER CA-0145

SOURCE TYPE CODE 12.0